

@ E-mail: [bartosz.z.kalota@gmail.com](mailto:bartosz.z.kalota@gmail.com)  
[bartek.kalota@wp.pl](mailto:bartek.kalota@wp.pl)  
[kontakt@bartoszkalota.pl](mailto:kontakt@bartoszkalota.pl)

📱 Mobile: +48 606 909 952

🌐 LinkedIn: [/in/bartosz-z-kalota](https://www.linkedin.com/in/bartosz-z-kalota)

🐙 GitHub: [/BartoszKalota](https://github.com/BartoszKalota)

📘 Facebook: [/bartek.kalota](https://www.facebook.com/bartek.kalota)

📄 ResearchGate: [/profile/Bartosz\\_Kalota](https://www.researchgate.net/profile/Bartosz_Kalota)



Place of residence: Częstochowa (Poland)

## Education

- 2020 – **Node** bootcamp at *Coders Lab* (in evenings, remote) as the part of the Premium package of *JavaScript Developer: React* bootcamp, 2 months (min. 150 h).<sup>1</sup>
- 2019–2020 – **JavaScript Developer: React** bootcamp at *Coders Lab* (in weekends, on-site), Premium package, 8 months (min. 440 h), Department in Katowice.<sup>1</sup>
- 2013–2018 – **PhD studies** (full-time), the field of chemical sciences in a scientific discipline of chemistry, Jan Długosz University of Częstochowa (AJD). The PhD Thesis: *Synthesis and spectroscopic studies of selected lanthanide(III) complexes for luminescence-based oxygen and temperature sensing*. Conferment procedure: 19.10.2016. Defense: 22.01.2018. Resolution of graduation: 14.02.2018.
- 2010–2012 – **MSc studies** (full-time), branch of studies: Chemistry, specialty: Cosmetics Chemistry, Jan Długosz University of Częstochowa. The MSc Thesis: *Phosphorescence studies of metalloporphyrins in solutions and polymers*.
- 2007–2010 – **BSc studies** (full-time), branch of studies: Chemistry, Jan Długosz University of Częstochowa. The BSc Thesis: *Optical chemi- and biosensors using porphyrins*.
- 2004–2007 – W.S. Reymont XIII<sup>th</sup> High School in Częstochowa, LD class (English-German profile).

## Awards and Distinctions

- 20.11.2013 – **Distinction of the MSc Thesis** – The All-Polish XX<sup>th</sup> Edition of the SITPCHEM Competition for the best diploma thesis of chemistry area.
- 14.11.2012 – **The Bene Merentibus Medal** – granted during the University Holiday of AJD for achievements during two years of the MSc studies:
  - 3 scientific articles,
  - oral presentations at 5 conferences,
  - applying for a NCN grant,
  - *The Best Presentation Award*,
  - creation of the cooperation between AJD and the Siedlce University of Natural Sciences and Humanities,
  - participation in all-polish competition of diploma theses,
  - average rating (4.99).

<sup>1</sup> Portfolio projects (frontend and backend) created during Coders Lab bootcamps are on [GitHub](https://github.com).

- 15.09.2012 – **The Best Presentation Award** – granted for the best presentation during *The XVIII<sup>th</sup> International Seminar on Physics and Chemistry of Solids* at the Ivan Franko National University of Lviv (Ukraine).

## Research Works

- 2011–2018 – Coauthor of 9 scientific articles, 14 scientific communications (9 international),<sup>2</sup> and reviewer of 1 article for *Sensors and Actuators B: Chemical*.

## Work Experience

- 17.05.2017–11.01.2018 – **Technical Editor** of the *Chemistry Environment Biotechnology* Journal. Promotion for effective performance of functions of Technical Assistant and Secretary of Journal Editorial Board meetings.
- 21.01.2016–17.05.2017 – **Secretary of Journal Editorial Board meetings** of the *Chemistry Environment Biotechnology* Journal.  
Scope of work:
  - preparation of Editorial Board meetings protocols,
  - information of Editorial Board members about meetings and current cases with email,
  - altering projects/documents and email corresponding with Editorial Board members for changes confirmation.
- 10.01.2014–17.05.2017 – **Technical Assistant** of the *Chemistry Environment Biotechnology* Journal.  
Scope of work:
  - design of the new Journal template,
  - manuscripts preparation in the template and PDF files generation,
  - correspondence with authors to make an author's approval.
- 12.2013–01.2018 – **Preparation of the Journals' volumes** for print:<sup>2</sup>
  - *Chemistry Environment Biotechnology*, vol. 16–20,
  - *Forum Młodych Nauki*, vol. 8/9.
 – **Digitization of the Journal's archival volumes:**<sup>2</sup>
  - *Chemistry Environment Biotechnology*, vol. 1–11,
  - *Fizyka Chemia*, vol. 1–4,
  - *Seria Matematyczno-Przyrodnicza*, vol. 1–5.
- 2011–2012 – **Research coworker**<sup>3</sup> of *Bifunctional biosensors based on chitosan*, N N313 442737 (2009–2012), MNiSzW, being performed at the Faculty of Mathematics and Natural Sciences, Jan Długosz University of Częstochowa, 42-200 Częstochowa, al. Armii Krajowej 13/15.  
Scope of work:
  - measurement of UV-Vis absorption, excitation, luminescence spectra and luminescence lifetime of europium(III)  $\beta$ -diketonate complexes and ruthenium(II) aromatic complexes,
  - measurement of luminescence-based temperature sensing in the range of 25–75°C.
- 06–26.07.2009 – 3-week **practice** in the Water Supply and Sewage Systems Company of Częstochowa District, 42-202 Częstochowa, ul. Jaskrowska 14/44.

...

<sup>2</sup> More information on [www.bartoszkalota.pl](http://www.bartoszkalota.pl).

<sup>3</sup> Realization of the part of the research under the cooperation program.

...

#### Scope of work

- determination of anionic, nonionic surfactants, total phosphorus, orthophosphates, total nitrogen, nitrates(V) – Dr Lange's cuvette tests method,
- sewage samples homogenisation,
- determination of sulphates(VI) – weight method,
- determination of total chrome – colorimetric method,
- determination of suspensions – filtration method with fiberglass filters.

## IT Experience

- since 01.10.2023 – **Software Engineer** at *Sii Poland* in Warszawa (remote).
- 01.08.2022–30.09.2023 – **Frontend React Developer** at *JMR Technologies* in Warszawa (remote).  
Scope of work:
  - web apps development with **React** in TypeScript,
  - preparing estimations,
  - introducing new features and maintaining existing ones,
  - debugging,
  - unit, integration, end-to-end testing,
  - code review,
  - presenting sprints results to a client and preparing app docs,
  - CI/CD,
  - performing deployments to environments including production-ready environment.
- 01.12.2021–31.07.2022 – **Frontend React Developer** at *Apps.clinic* in Kraków (remote).  
Scope of work:
  - web apps development with **React** in TypeScript,
  - preparing estimations,
  - introducing new features and maintaining existing ones,
  - debugging,
  - unit testing,
  - code review.
- 19.06–30.11.2021 – **Junior Frontend React Developer** at *Apps.clinic* in Kraków (remote).  
Scope of work:
  - web apps development with **React** in TypeScript,
  - preparing estimations,
  - introducing new features and maintaining existing ones,
  - debugging,
  - unit testing.
- 01.03–31.05.2021 – **Junior Front-end Developer** (internship) at *iPresso Marketing Automation (ENCJA.COM S.A.)* in Katowice (on-site).  
Scope of work:
  - web apps development with **Angular**,
  - preparing estimations,
  - introducing new features and maintaining existing ones,
  - debugging,
  - unit testing.
- since 02.08.2018 – Establishment and management of **B&B** firm offering programming work services (formerly, cosmetics sale with *www.bandb.pasaz24.pl* webstore).
- 03.08.2014–31.05.2019 – Establishment and management of KALOTA's **fanpage**.

- 03.12.2013–21.07.2015 – Establishment and management of KALOTA's *www.esklep.bizuteriakalota.pl* **webstore** and its Customer Service.
- 13.09.2013–11.04.2017 – Establishment and management of TAIRON's **fanpage**.
- 29.08.2013–11.04.2017 – Build and management of TAIRON's *www.tairon.bizuteriakalota.pl* **website**.
- 2012–2017 – **Graphical designing** for TAIRON firm.  
Scope of work:
  - design of the logo,
  - designing of selected advertising bags,
  - designing of discount cards and promotional vouchers.
- since 30.10.2010 – Build and management of KALOTA's *www.bizuteriakalota.pl* **website**.
- since 10.2010 – **Graphical designing** for KALOTA firm.  
Scope of work:
  - designing of selected advertising bags,
  - designing of selected graphical advertisements,
  - designing of templates for certificates,
  - designing of wedding rings catalogs.

## Academic Experience


































- 15–17.09.2014 – **Technical assistant** of the *New Crystalline Functional Materials* symposium during the *57<sup>th</sup> Annual Scientific Meeting of PTChem and SITPChem in Częstochowa*.  
Scope of work:
  - equipment preparation for oral presentations and poster sessions,
  - technical supervision of presentations displaying and poster sessions.
- 2013–2016 – **Member of the PhD Students Government Council** of AJD.  
Scope of work:
  - systematic amendment to the *Regulations of PhD studies at the Jan Długosz University of Częstochowa*,
  - creation of resolutions in the scope of the current activity of the PhD Students Government of AJD,
  - representation of the PhD Students Government of AJD.
- 2013–2016 – **Member of the PhD Interfaculty Scholarship Committee** of AJD.  
Scope of work:
  - consideration of proposals concerning scholarships and assistance grants according to the valid regulations,
  - systematic amendment to the *Regulations of calculation, granting, and paying of material assistance benefits for PhD students at the Jan Długosz University of Częstochowa*.
- 2013–2016 – **Member of the Faculty** of Mathematics and Natural Sciences **PhD Committee** of AJD.  
Scope of work:
  - consideration of scholarship proposals according to the valid regulations,
  - systematic amendment to the *Regulations of granting of the PhD scholarship to PhD students at the Jan Długosz University of Częstochowa* and *Regulations of granting of the increase of the PhD scholarship from the subjective subsidy on financing the quality-based tasks at the Jan Długosz University of Częstochowa*.

- 2013–2016 – **Member of the Committee on Science of the Faculty** of Mathematics and Natural Sciences of AJD.  
Scope of work:
  - participation in meetings.
- 2012 – **Coorganizer of the Jan Długosz University Open Days.**  
Scope of work:
  - showing organized groups of young people over demonstration rooms.
- 2011–2012 – **Secretary of the Scholarship Recall Committee** of AJD.  
Scope of work:
  - consideration of recalls concerning scholarships and assistance grants according to the valid regulations.
- 2011–2012 – **Member of the Faculty** of Mathematics and Natural Sciences **Council** of AJD.  
Scope of work:
  - voting on the issues concerning the Faculty.
- 2010–2012 – **President** of the year of the studies.  
Scope of work:
  - mediation between the year of the studies and the administration of AJD,
  - informing of the year of the studies about new and current cases.

## Skills

- UV-Vis spectrophotometers skills
- Time-resolved spectrofluorometers skills
- English (B2)
- Driving license of B type

## Technologies

- Programming languages:
  -  TypeScript
  -  JavaScript
- Frontend:
  -  React
  -  React Native
  -  Next
  -  React Query
  -  Angular
  -  SCSS
  -  CSS
  -  HTML
- State management:
  -  Redux
  -  MobX
  -  Zustand
- Tests:
  -  Jest
  -  Playwright
- IDE:
  -  Visual Studio Code
  -  Webstorm
- Tools:
  -  Git
  -  Jira
  -  Swagger
  -  Postman
  -  Robo 3T
- Backend:
  -  Node
  -  Express
  -  MongoDB
  -  Mongoose
- OS:
  -  MacOS
  -  Linux / Ubuntu
  -  Windows
- Graphical software:
  -  Photoshop (CS5)
  -  Blender (2.61)
  -  Camtasia Studio (7)
  -  Origin (8.5)

## Trainings / Certifications

- 12.2024 – **Cyberspace security** (1 h) by *mBank*.
- 09.2024 – **WCAG - Using ARIA on websites** (5 h) by *Widzialni, Widzialni.eu*.
- 08.2024 – **WCAG - Using WCAG 2.1 (AA) on websites** (5 h) by *Widzialni, Widzialni.eu*.
- 08.2024 – **WCAG - Editing webcontent in accessible way to people with individual needs** (4 h) by *Widzialni, Widzialni.eu*.
- 08.2024 – **WCAG - Creating accessible documents WORD, Excel, PowerPoint** (3 h) by *Widzialni, Widzialni.eu*.
- 07.2024 – **WCAG - Legal basis for digital accessibility** (1.5 h) by *Widzialni, Widzialni.eu*.
- 02.2021 – **Angular - The Complete Guide (2021 Edition)** (33.5 h) by *Maximilian Schwarzmüller, Udemy*.
- 12.2020 – **React - The Complete Guide with React Hook Redux 2020** (5 h) by *Kim Chen, Udemy*.
- 17–19.09.2016 – **Photo & Internet** organized by *Trementi, Chorzów*.  
and Contents (48 h):  
24–26.09.2016
  - the use of a DSLR camera (exposure time, depth of field, ISO, color temperature),
  - jewelry preparation for photography and the use of a photo light box,
  - photography of jewelry with and without stones,
  - processing and retouching with Photoshop CS6,
  - a preparation and the use of own webstore and its promotion on the Internet,
  - legal aspects of a webstore management,
  - SEO and a basic use of Google tools related to SEO.
- 21–22.05.2016 – **Jewelry stores sales** organized by *Trementi, Chorzów*.  
Contents (16 h):
  - emotional intelligence developing training,
  - behavior, body language, voice timbre in contact with a customer,
  - sales psychology,
  - creation of a company good image.

## Membership

- since 2014 – Member of the Polish Chemical Association.
- since 2013 – Member of the Polish Association of Chemical Engineers.
- 2012 – Member of the Chemistry Section of AJD.
- 2010–2011 – Member of the Photoshop Section of AJD.
- 2008–2012 – Member of the Volleyball Sport Group of AJD.

## Interests

- Programming – Frontend programming.
- Text edition – Polish and English text edition.  
– Text preparation for print or digital publication.
- Graphics – Effective information providing as multimedia presentations with photomanipulation and 2D, 3D animations.

## Hobbies

- Music – Listening to music from genre (alphabetic order):
  - chill out, club, dance, deep, electronic, house, funk, classic rock, progressive, trance, uplifting trance.
- Playing sports – Volleyball, American billiards, bicycle, skiing.
- Making and painting models – Plastic and metal tank models, scale 1:72 (formerly).

## Additional Information

- since 2014 – Registered at DKMS Foundation – The Base of Stem Cells Donors.

*I consent to the processing of personal data contained in this document for the recruitment process in accordance with the Act of May 10th 2018 on the protection of personal data (Journal of Laws of 2018, item 1000) and in accordance with the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27th 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (GDPR).*