

# MELINDA IVANOV

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Technical-minded developer leveraging **MSc degree** in earth sciences from **University of Szeged**. Earned a full-stack web development certificate at **University of Washington** where honed skills in **JavaScript, React, Node.js, MySQL, MongoDB** and gained **special interest in server-side technologies**. Experience includes taking responsibilities in software design, technical and development decisions in academic projects using newly developed skills. Passionate problem solver, aiming to deliver quality products by applying clean design/coding practices and following agile methodologies. Fast learner who is enthusiastic about innovative techniques and excited to leverage skills as part of a fast-paced, quality-driven team.

## SKILLS

Languages: **JavaScript, Java**, Ruby, SQL, HTML5, CSS3

Tools and Technologies: **React, OOP**, Spring Boot, Express.js, jQuery, **Node.js**, Ajax, **MySQL, MongoDB**, GraphQL, Lombok, Gradle, Maven, Docker, Linux, Tomcat, Bootstrap, JSP, Thymeleaf, IntelliJ IDEA, RubyMine, VS Code, JGrasp, **Git**, GitHub, GitLab, Heroku

Modeling and Simulation: GIS, QGIS, ArcGIS, ESRI, StatGraphics, WinGslib, VarioWin, Surpher, Grapher, Mapping

## RELEVANT EXPERIENCE

### LEARNING ASSISTANT/TUTOR 2021 - Present, Trilogy Education Services

- Full-Stack Web Development TA/Tutor supporting students enrolled in University Bootcamps across the globe
- Front-end programming languages and frameworks such as HTML5, CSS3, JavaScript, jQuery, Ajax, Responsive Design, Bootstrap, Handlebars, React
- Working with databases, server-side languages and libraries like MongoDB, MySQL, Node.js, Express.js, ORMs, MERN-Stack, RESTful APIs
- Version control (Git, Github, GitLab) and deployment servers such as Heroku

### SOFTWARE ENGINEER 2021 - Present, 8BillionMinds

- Full-Stack Software Engineer working on a live, face-to-face knowledge sharing platform
- Engaged in all phases of the software development lifecycle, including: participating in design/architecture, researching and implementing improved functionality
- Enhancing system performance and availability
- Finding and fixing security issues

### TECHNICAL SUPPORT SPECIALIST 2012 - 2013, Telecom (contract via Melo-Depo) Szeged, Hungary

- Bilingual technical support related to all IT platforms
- Top 10% performer at customer satisfaction

## MOST RECENT PROJECTS

**DISASTER DASHBOARD**: This is a full-stack web development project utilizing the MERN Stack. This app is built to collect recent disasters: near Earth events, COVID-19 Statistics, Silver and Gold exchange rates, and a survival kit checklist.

Contributions include building out the disaster events and the checklist with a server side API utilizing JavaScript, React, Node.js, Express.js, HTML5, CSS3, Git, GitHub, Heroku, MySQL, MVC, Okta

App: <https://cryptic-castle-46514.herokuapp.com> Source: [https://github.com/jnsmelinda/Disaster\\_Dashboard](https://github.com/jnsmelinda/Disaster_Dashboard)

**GOOGLE BOOK SEARCH**: This Interactive app allows the user to search for books and save them to the reading-list or view them on Google Books. When the book has been read, it can be deleted from the reading-list. JavaScript, React, Node.js, Express.js, HTML5, CSS3, Git, GitHub, Heroku, MongoDB, Google Books API

App: <https://protected-island-24963.herokuapp.com> Source: <https://github.com/jnsmelinda/Google-Book-Search>

**VENT:** Key contributor of this project that helps concerned citizens to see the air quality in their area and to provide a platform where they are able to express their feelings alongside a short message to their local representative regarding the air quality. Responsibilities include building out the server-side technologies and data management utilizing JavaScript, Node.js, Express.js, Handlebars.js, HTML5, CSS3, Git, GitHub, Heroku, MySQL, Sequelize, jQuery, Ajax, third-party APIs

App: <https://vent-airquality-tracker.herokuapp.com> Source: <https://github.com/jnsmelinda/Vent>

Other projects can be found at: [jnsmelinda.github.io/projects.html](https://jnsmelinda.github.io/projects.html)

## EDUCATION

**Full-Stack Web Development Certificate** 05.2020 - 12.2020 - **University of Washington**, 24-week intensive program focused on gaining technical programming skills in JavaScript, jQuery, Node.js, React, Express.js, HTML5, CSS3, MySQL, MongoDB, Git, GitHub, GitLab, Heroku, RESTful APIs, Responsive Design, OOP, MERN stack

**EARTH SCIENTIST MSc** 06.2015 Geology major, 4.00 GPA, **University of Szeged**, Hungary - Academic studies in Statistics, Advanced mathematics, 2D/3D Modelling and Simulation, Geospatial data analysis, Geophysics, Technical Geology, GeoInformatics

**EARTH SCIENTIST BSc** 06.2013 Geology major, **University of Szeged**, Hungary - Academic studies in Mapping, Mathematics, GIS, GeoInformatics, Data collection and calculations, Materials Science

## ADDITIONAL EXPERIENCE

**KEY HOLDER** 2017 - 2018, The Body Shop, Bellevue WA

- Successfully designing and implementing daily strategic sales plans
- Top performer at customer satisfaction and client management
- Coach of team members to ensure best team performance, resulting in 10% revenue

**SALES ASSOCIATE** 2016 - 2017, Bath & Body Works, Bellevue WA

- Passionate team player building strong customer relationships
- Constantly exceeding personal sales goals by 30%

**INTERN** 07.2014 - 08.2014, Nonprofit Environmental Management Ltd. Szeged, Hungary

- Participating in a collaboration between the University of Szeged and Nonprofit Environmental Management Ltd. of Szeged, researching the urban vegetation and its effects on the urban climate.
- Field data collection and computerization using MS Excel

## ADDITIONAL INFORMATION

- Authorized to work in the US (permanent resident)
- Full working proficiency in English
- Native proficiency in Hungarian