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**, 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

EXPERIENCE

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

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

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

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

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