

# MELINDA IVANOV

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I am a technical-minded developer leveraging an **MSc degree** in earth sciences from **University of Szeged** while currently working towards a full-stack web development certificate at **University of Washington**. My experience includes taking responsibilities in design, technical, and development decisions in academic projects using newly developed skills in **Java backend** and **JavaScript full stack**. As a passionate problem solver, my aim is to deliver quality products by applying clean design/coding principles and following agile methodologies. I enjoy creating user-friendly applications while utilizing both my engineering and science qualifications. I am a fast learner who is enthusiastic about innovative techniques and excited to leverage my skills as part of a fast-paced, quality-driven team.

## EDUCATION

05.2020 - Present **FULL-STACK WEB DEVELOPMENT** University of Washington (graduation: 11.2020) - JavaScript, jQuery,

Node.js, React, Express, HTML5, CSS3, Bootstrap, MySQL, MongoDB, Git, GitHub, GitLab, RESTful APIs, Responsive Design

04.2018 - Present **SOFTWARE ENGINEER** - Project based, self-taught Software Engineer following University of Washington CSE

142 and 143 courses (not enrolled), Pluralsight, Udemy, HyperSkill, AWS Technical Essential Training

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

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

## SKILLS

### Languages

- Java
- JavaScript, jQuery
- Ruby
- SQL
- HTML5
- CSS3

### Technologies

- OOP
- Spring Boot
- Lombok
- Gradle
- Bootstrap
- JSP, Thymeleaf

### Tools

- IntelliJ IDEA
- RubyMine
- Atom, VS Code
- JGrasp
- Git, GitHub, GitLab
- Excel, Word
- Power Point

### Modeling and Simulation

- GIS, QGIS
- ArcGIS, ESRI
- StatGraphics
- WinGslib
- VarioWin
- Surpher, Grapher
- Mapping

## EXPERIENCE

05.2017 - 03.2018 **KEY HOLDER**, The Body Shop, Bellevue WA – Successfully provided leadership and management in all areas of operations, in a strong KPI driven environment, including designing and implementing daily strategic sales plans.

08.2016 - 04.2017 **SALES ASSOCIATE**, Bath & Body Works, Bellevue WA - A passionate team player building strong customer relationships by providing personalized product guidance, resolving issues and following up on purchases.

07.2014 - 08.2014 **INTERN**, Nonprofit Environmental Management Ltd. Szeged, Hungary - Field data collection and computerization using MS Excel

10.2012 - 11.2013 **TECHNICAL SUPPORT SPECIALIST**, Telecom (contract via Melo-Depo 2000), Szeged, Hungary - Bilingual technical support related to all IT platforms, including: software, hardware, computer systems, mobile and social media.

## RECENT PROJECTS

**CONFERENCE APPLICATION:** Applicant registry webservice - Spring Boot, Spring MVC, JSP or Thymeleaf and HTML

**RECIPE BOOK:** REST based CRUDS webservice - Spring Data REST (Spring Boot, Spring MVC, Spring Data, JPA)

**DATA COMPRESSION APPLICATION:** En-decoding text files by using Huffman Coding - Java, OOP, Generics, Recursion

**GRAMMAR SOLVER:** Generates random sentences by given set of rules - Java, OOP, Collections API, Recursion, regex, Generics

## ADDITIONAL INFORMATION

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