RADU PETRACHIOIU

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EDUCATION

University Politehnica of Bucharest   **Romania, Bucharest**
Bachelor's degree in ETTI (Electronics, Telecommunications, Information Technology) in English   *September 2019 – July 2023*
- **Relevant Courses:** Object Oriented Programming, Data Structures and Algorithms, Multithreading, Databases, Java, Linux, Web Development, Mobile Development

University Politehnica of Bucharest   **Romania, Bucharest**
Master's degree in SSA (Advanced Software Services)   *September 2018 – Present*
- **Relevant Courses:** Big Data, Cloud Computing, Java Advanced, Distributed Systems, Security

PROFESSIONAL EXPERIENCE

ESolutions   **Romania, Bucharest**
Java Full Stack Software Engineer   *July 2023 – Present*
- Collaborated in multiple agile teams to build responsive web applications from the ground up using multiple technologies such as Spring, Go and ReactJS.
- Responsible for securing applications with Keycloak and other OAuth protocols.
- Designed and maintained database solutions as well as messaging queues such as Kafka.

Cegeka   **Romania, Bucharest**
Java Software Engineer Intern   *February 2023 – May 2023*
- Worked in an agile team creating the server side for a website designed to help medical staff manage their patients efficiently.
- Responsibilities included securing the server with a cookie based JWT token and creating the forgot password flow.
- Technologies used: Java Spring Boot, PostgreSQL database, Git, Docker

PROJECTS

EasyService
Java Spring, ReactJS, PostgreSQL
- Developed a web application which aims to bridge the gap between service providers and consumers, offering a centralized platform similar to Fiverr, with some creature comfort additions such as the ability to make service requests and an increased overall transparency.

SaveMe
React Native, Firebase Database, Firebase Storage, Expo Cli, Twilio
- Save Me stands as the innovative solution developed by me and my team, Bits Please, during the ESolutions 2023 Hackathon, where we managed to win the hearts of the people and take 1st place. This application is meant to make a significant improvement in providing safety for vulnerable people.

SKILLS

Languages: Java, Go, JavaScript, HTML, CSS, SQL

Frameworks: Spring Boot, Gin, ReactJS, HTMX, NodeJS

Concepts: Object Oriented Programming, Data Structures and Algorithms, Event Driven Architecture, Microservices

Developer Tools: Docker, Git, Visual Studio Code, JetBrains Suite

GitHub: https://github.com/RaduNicolae8