Jose M Marin Hernandez

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Technical Skills

Languages: Java, SQL (PostgreSQL, H2, Oracle)
Familiar Skills: JavaScript, HTML, CSS
Frameworks/Libraries: Spring Boot, React, MUI
Developer Tools: Git, GitHub, Docker, Kafka, AWS (EC2, S3)

Education

Formation — Remote
Software Engineer Fellowship — *Aug. 2022 – Aug. 2024*

University of Puerto Rico — Bayamon, PR
Bachelor of Arts in Computer Science — *Aug. 2014 – May 2020*

Experience

Associate Software Engineer — Sept. 2024 – Present
Infosys — *Hartford, CT*

- Completed 60+ hours of advanced training in React, Java, and Google Cloud Platform (GCP) to prepare for client-facing projects.
- Developed a proof-of-concept application using Spring Boot and React, showcasing expertise in REST API design and frontend integration.
- Strengthened technical readiness by participating in structured skill development programs focused on cloud technologies and full-stack development.
- Collaborated with peers and mentors to create proof-of-concept projects, applying modern software engineering practices.

Software Developer — Jan. 2018 – May 2020
University of Puerto Rico — *Bayamon, PR*

- Created an interactive learning platform, reducing tutoring needs by 100 hours annually and saving $2,000 for students and the university.
- Engineered a JavaFX-based interface to simplify complex computer science concepts, improving student engagement.

Projects

MedTrack | *Java, Spring Boot, PostgreSQL, React*

- Built a secure Spring Boot API to manage medications and user accounts, projected to reduce medication forgetfulness by 20%.
- Integrated user registration, medication tracking, and email reminders using JavaMailSender for seamless functionality.
- Enhanced data security by implementing password hashing with Bcrypt and robust authentication protocols.

RevLearn | *Java, Spring Boot, React, MUI, AWS*

- Implemented key features like user authentication, course tracking, and discussion forums, designed to enhance user engagement by 15%.
- Designed user-friendly React and Material-UI interfaces for seamless navigation and accessibility.
- Leveraged AWS (EC2, S3) and Docker for scalable deployments, achieving an expected 99.9% system uptime.

Account Management System | *Java, Spring Boot, React, MUI*

- Collaborated with a team of 3 developers to build a full-stack app for tracking user accounts and expenses.
- Implemented features for managing credit cards, bank accounts, and tracking transactions using Spring Boot.
- Built an intuitive React and Material-UI frontend for seamless user interactions.
- Integrated RESTful APIs for efficient communication between the backend and frontend.