Isaac Albert

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EXPERIENCE

Software Development Intern — May 2024 – June 2024
Kellton Tech — *Hyderabad, TG*

- Developed 5+ REST APIs using Spring Boot and Java, integrating with MongoDB to handle 10,000+ employee records.
- Created scalable microservices architecture, enhancing system efficiency by 15%, handling over 1,000 requests per second.
- Leveraged Docker to containerize applications, improving deployment efficiency by 30% and ensuring consistent environment configurations.
- Created 3 Power BI dashboards for data visualization, significantly enhancing insights and data-driven decision-making for users.
- Implemented multithreading to optimize process flow, reducing application response time by 20% under concurrent loads.

President of Entrepreneurship Club — 2023 – 2024
Andhra University — *Visakhapatnam, AP*

- Led a team of 10 core members to organize 5 large-scale events, including Vizag's only Startup Meet, connecting 100+ entrepreneurs and tech professionals.
- Established a platform engaging 800+ students in entrepreneurship, facilitating 3 industry-led workshops and 2 networking events with innovative advisors.

PROJECTS

Employee Management Portal | *Java, Spring Boot, MongoDB, JPA, Docker*

- Developed a high-performance REST API to manage 10,000+ employee records, streamlining CRUD operations with Spring Boot and MongoDB.
- Designed unique identifier generation, reducing data duplication and ensuring accurate employee tracking across the platform.
- Enabled efficient import/export of data to Excel, optimizing data integration with existing systems for 10,000+ entries.
- Implemented multithreading to handle high volumes of simultaneous requests, achieving a 30% faster response time.

Web Scraping and Data Visualization | *Java, Spring Boot, MongoDB, Docker, Git, Power BI*

- Developed a solution to scrape data from a large HTML file (100MB), transforming the content into JSON for structured data handling and analysis.
- Built 3 Power BI dashboards to visualize data insights for an oil and gas company, supporting key decision-making for 10+ stakeholders.
- Leveraged Docker for containerized deployment, reducing setup time by 40% and ensuring smooth version control via Git.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript
Frameworks and Libraries: Spring Boot, Node.js, JPA, Maven, Express.js
Databases: MongoDB, MySQL
Developer Tools: Git, Docker, Postman, Power BI, VS Code, IntelliJ, Eclipse, STS
Cloud and Containerization: AWS (EC2, S3), Docker, Kubernetes (Basics)
Frontend Skills: HTML, CSS, JavaScript, React (Basics)

EDUCATION

Andhra University College of Engineering — Visakhapatnam, AP
Bachelor of Technology in Electrical and Electronics Engineering — *2021 – 2025*
CGPA: 7.90

Narayana Junior College — Visakhapatnam, AP
CBSE — *2018 – 2020*
Percentage: 88%