

CHARLES BAGULEY

EDUCATION

Bachelor of Science in Software Engineering

Western Governors University | Online (Aug 2024)

Master of Business Administration in Information Technology Management

Western Governors University | Online (Aug 2022)

Bachelor of Arts in Business

Arizona State University | Tempe, AZ (August 2020) - GPA: 3.82, Summa Cum Laude

TECHNICAL EXPERIENCE

Back End Developer Intern

Revature | Remote (Nov 2024 - Jan 2025)

- Developed and optimized RESTful APIs using Java, Spring Boot, and SQL
- Integrated Spring Data JPA and JDBC for efficient data persistence and database interactions
- Used test-driven development (TDD) with JUnit, Mockito, ensuring software reliability and maintainability
- Designed modular and reusable API endpoints, improving client-server communication efficiency
- Gained hands-on experience with microservices architecture, and containerization (Docker)

PROJECTS

Snowflake | Android Vacation Tracker App | Tech Stack: Java, Android Studio, Room Database, REST API

- Built a vacation management app using Android Studio and Room database for data persistence
- Developed secure authentication with username/password functionality
- Created RecyclerView for efficient UI rendering and vacation data management
- Added reminder features and unit testing (JUnit, Mockito) for enhanced quality assurance

Hotel Booking Web Application | Tech Stack: Java, Spring Boot, Angular, Docker, REST, MySQL

- Created a full-stack web application with Spring Boot and Angular for hotel reservations
- Developed and integrated REST API controllers for language translation and time zone conversion
- Ensured high reliability with unit testing, and successfully deployed using Docker containers

Angular Web App | Tech Stack: JavaScript/TypeScript, Angular, REST, PostgreSQL

- Built a dynamic web application using Angular framework, integrating real-time data display via API
- Implemented interactive SVG world map, embedding event listeners for user interactions with map regions
- Designed and structured components using Angular, ensuring a responsive layout with HTML and CSS
- Integrated API data with dynamically updated DOM elements using TypeScript and event handling

CORE SKILLS & TECHNOLOGIES

- **Programming Languages:** Java, Python, JavaScript (JS/TS), SQL (MySQL, PostgreSQL), HTML, CSS, JSON, XML
- **Frameworks & Libraries:** Spring Boot, Angular, React, .NET/C#
- **Tools & Platforms:** Git, Docker, Postman, Datadog, AWS, Azure, IntelliJ, JIRA
- **Software Development:** Cloud Computing, REST APIs, Agile Development, Data Structures & Algorithms, Microservices, Unit Testing (JUnit, Mockito), SDLC, Scrum