# CHARLES BAGULEY

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## EDUCATION

**Bachelor of Science in Software Engineering**
*Western Governors University | Online (Aug 2024)*

**Bachelor of Arts in Business**
*Arizona State University | Tempe, AZ (August 2020) - GPA: 3.82, Summa Cum Laude*

## TECHNICAL EXPERIENCE

**Back End Software Developer Intern**
*Revature | Remote (Nov 2024 - Jan 2025)*
- Developed and optimized RESTful APIs using Java and Spring Boot to handle CRUD operations for scalable applications
- Integrated relational database management with SQL, Spring Data JPA, and JDBC for efficient data persistence
- Implemented test-driven development (TDD) methodologies with JUnit and Mockito to ensure application reliability
- Designed reusable and well-documented API endpoints for seamless client-server communication.
- Gained hands-on experience in containerization and microservices architecture using Docker and Spring Boot

## PROJECTS

**Snowflake | Android Vacation Tracker Application** | *Tech Stack: Java, Android Studio, Room Database*
- Built a vacation management app in Android Studio with Room database for data persistence
- Developed login functionality with username/password using secure protocols
- Implemented RecyclerView for managing and displaying vacation data
- Added features for vacation reminders and unit testing for quality assurance

**Hotel Booking Web Application** | *Tech Stack: Java, Spring Boot, Angular, Docker, REST, MySQL*
- Created a full-stack app using Spring Boot and Angular, featuring Docker deployment
- Integrated REST API controllers for language translation and time zone conversion
- Ensured quality with unit testing and successful deployment in Docker containers

**Angular Web Application** | *Tech Stack: JavaScript/TypeScript, Angular, REST, MySQL*
- Built a dynamic web application using Angular framework, integrating real-time data display via API
- Implemented an interactive SVG world map, embedding event listeners for user interactions with map regions
- Utilized TypeScript to manage DOM manipulation and handle API requests from the World Bank API based on user input
- Designed and structured components using Angular CLI, ensuring a responsive layout with HTML & CSS
- Integrated API data with dynamically updated DOM elements using TypeScript and event handling

## CORE SKILLS

**Languages**: Java, C#,  Python, JavaScript, SQL (MySQL, PostgreSQL), HTML, CSS, JSON, XML
**Frameworks**: Spring, Spring Boot, Angular, React
**Tools**: Git, Docker, Postman, Datadog, AWS, Azure, JIRA, IntelliJ
**Development** : REST APIs, Agile, Cloud Computing, Unit Testing (JUnit, Mockito), Data Structures & Algorithms, Design Patterns, SDLC, Scrum