

BRENDA SANCHEZ

Backend Software Engineer

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PROFESSIONAL SUMMARY

Backend Software Engineer with strong experience building REST APIs, developing scalable backend systems, and working with relational databases. Skilled in Java (Spring Boot) and Python (Flask), SQL, and cloud deployment. Passionate about creating secure, efficient backend systems and deploying real-world applications.

SKILLS

- Languages:** Java, Python, SQL, C#, JavaScript
- Frameworks/Tools:** Spring Boot, Flask, .NET Core, React.js, Git, Docker, GitHub Actions
- Databases:** PostgreSQL, MySQL, SQL Server
- Cloud Platforms:** AWS (EC2, S3), Microsoft Azure
- CI/CD & DevOps:** Docker, GitHub Actions, AWS EC2, Agile/Scrum
- Other:** RESTful API Design, Secure Authentication (JWT), System Performance Optimization

PROFESSIONAL EXPERIENCE

Back End Software Engineer

Next Gen Smiths | Remote Nov 2023 - Present

- Designed and implemented scalable REST APIs using Java (Spring Boot) and PostgreSQL.
- Deployed Dockerized backend applications to AWS EC2, with GitHub Actions for CI/CD.
- Built secure authentication systems using JWT and implemented role-based access control.
- Developed performance-optimized SQL queries and database schemas for high-volume data.
- Collaborated in Agile sprints to deliver cloud-native microservices with strong test coverage.

Application Developer

Orion Groups / Moss Adams | Remote May 2023 - Oct 2023

- Conducted API integrations and validated secure data pipelines in a cloud environment (Azure).
- Automated data workflows using Microsoft Power Platform and RESTful APIs.
- Participated in secure SDLC processes and delivered production-ready services for M&A software systems.
- Customized a request management tool using JavaScript and CSS, improving operational efficiency.
- Conducted comprehensive testing and validation for a multi-million-dollar software acquisition using Microsoft Azure.

Full Stack Software Engineer

Immersed Cyber Security | Remote Aug 2022 - Apr 2023

- Developed RESTful APIs with C# and ASP.NET, securing endpoints and handling sensitive data.
- Designed normalized database schemas and optimized SQL queries to reduce latency.
- Led backend integration of role-based user management and secure transaction logging.
- Used Git for source control, conducted code reviews, and collaborated in Agile environments.

CREDENTIALS

Amazon Web Services | AWS Certified Cloud Practitioner In Progress
Institute of Project Management | Certified Project Officer 2023

EDUCATION

Bachelor of Science in Computer Science - Southern New Hampshire University | 3.9 GPA 2024
Master of Business Administration - Texas A&M University - Commerce | 3.9 GPA 2017
Bachelor of Arts in Business Administration - University of Hawaii - West Oahu | 3.8 GPA 2010