

OLIVIA DAVIS

Back-End Developer | Web Applications | Database Management

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SUMMARY

With over a decade of experience in back-end development, I'm driven to apply my expertise in web applications, SQL programming, and AWS to solve complex challenges. My proudest achievement was leading a team that improved a financial application's customer satisfaction by 15%.

EXPERIENCE

Senior Back-End Developer

TechSolutions Inc.

- 06/2019 - Present Jacksonville, Florida
- Led a team of 5 in developing a secure web application for financial reporting, resulting in a 15% increase in customer satisfaction.
 - Engineered a database migration plan from MySQL to Oracle, reducing data retrieval times by 40%.
 - Implemented robust SQL programming practices which reduced code redundancy and enhanced performance by 25%.
 - Pioneered the use of AWS for scalable cloud storage solutions, cutting costs by 20% through optimization techniques.
 - Improved the .Net Framework-based project load times by 30% through backend optimizations and efficient coding standards.
 - Authored technical documentation that became the blueprint for best practices in backend development across the company.

Back-End Developer

Innovative Web Services

- 02/2016 - 05/2019 Orlando, Florida
- Optimized database functions for multi-tenant applications, servicing over 1000 clients simultaneously.
 - Developed a series of automated scripts in SQL for database management, reducing human error by 35%.
 - Collaborated with front-end developers to integrate APIs for dynamic web applications.
 - Provided AWS cloud solutions, achieving a 99.99% uptime for high-traffic services.
 - Pioneered a caching mechanism that increased application response times by 20%.

Database Administrator

Global Tech Innovations

- 08/2013 - 01/2016 Miami, Florida
- Managed a 10TB MySQL database, ensuring 24/7 operation and quick access times.
 - Designed data warehousing practices that enhanced reporting capabilities by 50%.
 - Automated backup procedures which reduced potential data loss risk by 90%.
 - Streamlined data-flow processes which improved overall app performance by 15%.

EDUCATION

Master of Science in Computer Science

University of Florida

01/2011 - 01/2013 Gainesville, Florida

Bachelor of Science in Computer Science

Florida State University

01/2007 - 01/2011 Tallahassee, Florida

PROJECTS

Contribution to SecurePay API

Designed and improved payment gateway integration methods for web applications. Contribution can be found at github.com/OliviaDavis/SecurePay-API

Development of EventLogger Tool

Created an open-source logging tool for event management systems optimized with .NET Core. Check it out at github.com/OliviaDavis/EventLogger-Tool

KEY ACHIEVEMENTS

- ☆

Completed AWS Migration

I led the successful migration of critical business applications to AWS, resulting in enhanced scalability and a 30% reduction in operational costs.
- ✓

Improved Database Performance

Revamped company's database architecture, boosting data processing speed by 40%, positively impacting customer experiences.
- 🔧

Award for Innovation in Backend Processes

Received an award for implementing an innovative data caching strategy that increased system efficiency by 25%.
- ♥

Speaker at National Database Conference

Invited as a speaker to share expertise on relational database optimization which influenced industry practices.

SKILLS

Web Application Development		
Back-End Frameworks	CMS Platforms	
Relational Databases	MySQL	Oracle

COURSES

- Advanced SQL Queries Certification**

An extensive program dedicated to mastering complex SQL queries, certified by Coursera.
- AWS Solutions Architect Course**

Comprehensive course for designing distributed systems, offered by AWS Training and Certification.

LANGUAGES

English
Native



Spanish
Advanced



PASSIONS



Volunteering for Code Newbies

Mentoring aspiring developers, teaching them foundational coding skills and best practices in web development.



Continuous Learning in Technology

Dedicated to personal growth and skills enhancement through ongoing education in the latest back-end development trends.



Data Security Advocate

Actively engaged in forums discussing the future of data security and privacy concerns in the digital age.