ANDREW DAVIS

Senior Backend Developer

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OVERVIEW

Dedicated Backend Developer with 10 years of experience in designing and building robust server-side applications. Proficient in Java, Python, and Node.js, with expertise in developing scalable APIs and optimizing database performance. Adept at working in fast-paced environments, with a strong focus on code quality, security, and system reliability. Seeking to leverage my skills to contribute to innovative projects at a leading tech company.

WORK EXPERIENCE

Senior Backend Developer | Google

Mountain View, CA | April 2020 – Present

[Java, Python, RESTful APIs, MySQL, PostgreSQL, Docker, Kubernetes AWS, GCP, Architecture]

- Designed and maintained scalable backend services using Java and Python, contributing to the optimization of Google's cloud-based education platform.
- Developed and managed RESTful APIs, facilitating seamless integration between front-end components and third-party services.
- Architected and implemented microservices architecture, improving system scalability and reducing operational costs by 15%.
- Spearheaded the migration of legacy systems to modern frameworks, enhancing application speed by 40%.
- Led efforts in database schema design and query optimization, resulting in a 25% improvement in data retrieval times.
- Streamlined CI/CD processes using Docker and Kubernetes, reducing deployment times by 30%.
- Ensured robust security practices by implementing comprehensive data protection strategies and regular code reviews.

Full Stack Engineer | Salesforce

San Francisco, CA | September 2018 – March 2020

[Node.js, Express.js, GraphQL, React, TypeScript, PostgreSQL, Redis]

- Engineered and deployed backend services using Node.js and Express.js, contributing to Salesforce's internal tools for data management.
- Developed GraphQL APIs to optimize data access, reducing server load by 30% and improving response times.
- Enhanced backend performance through advanced caching strategies with Redis and PostgreSQL, increasing system efficiency by 20%.
- Led the development of data-driven applications using React and TypeScript, enabling real-time data visualization for internal teams.
- Conducted rigorous testing using Jest and Mocha, achieving 95% test coverage and reducing production bugs by 50%.

Backend Developer | IBM
Austin, TX | May 2016 – August 2018

[Python, Node.js, AWS Lambda, RESTful APIs, Docker, Kubernetes, AWS, DynamoDB, API Gateway]

- Developed and deployed serverless applications using AWS Lambda and Python, reducing infrastructure costs by 40%.
- Designed and implemented microservices architecture for IBM's customer-facing applications, improving deployment speed and system flexibility.
- Built and optimized RESTful APIs with Node.js, integrated with AWS services such as DynamoDB and API Gateway.
- Automated deployment processes using Docker and Kubernetes, cutting deployment times by 60% and enhancing reliability.
- Collaborated with cross-functional teams to implement security best practices, ensuring compliance with industry standards.

Software Developer | EL Paso Software Solutions
EL Paso, TX | June 2013 – May 2016

[JavaScript, TypeScript, Angular, C#, .NET Framework, Express, Node, HTML, CSS, ElasticSearch, xUnit, Selenium, Entity Framework]

- Assisted in developing full-stack web applications using JavaScript and Angular, contributing to small business projects in the local area.
- Supported backend development efforts by writing and optimizing SQL queries for MySQL databases.
- Participated in the design and implementation of RESTful APIs, improving data integration between client applications.
- Conducted unit testing and debugging, ensuring the delivery of high-quality software solutions.

EDUCATION

Bachelor of Computer Science | University of Texas at El Paso
El Paso, TX | August 2009 – May 2013

HARD SKILLS

- **Languages**: Java, Python, Node.js, JavaScript, TypeScript
- **Backend Frameworks**: Express.js, Django, Flask, Spring Boot
- **Databases**: MySQL, PostgreSQL, MongoDB, Redis
- **API Development**: RESTful APIs, GraphQL, Microservices
- **Cloud & DevOps**: AWS, Azure, CI/CD, Docker, Kubernetes
- **Testing**: Jest, Mocha, Chai, Selenium, xUnit
- **Tools**: Git, GitHub, Jira, Trello

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Collaboration & Teamwork
- Continuous Learning & Adaptability
- Effective Communication
- Attention to Detail