

Jamie Smith

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Professional Summary

Dedicated Back-End Developer with 6 years of experience designing, developing, and optimizing scalable server-side applications for tech and finance sectors. Proficient in building RESTful APIs, managing databases, and ensuring robust system performance under high traffic. Adept at collaborating with front-end teams and DevOps to deliver secure, efficient solutions. Passionate about clean code, microservices architecture, and cloud-based deployments, with a proven ability to reduce latency by 30% and improve system reliability.

Core Competencies

- Back-End Development (Node.js, Python, Java)
- API Design & Integration (REST, GraphQL)
- Database Management (PostgreSQL, MongoDB, MySQL)
- Cloud Platforms (AWS, Google Cloud)
- Microservices Architecture
- CI/CD Pipelines (Jenkins, GitHub Actions)
- Unit Testing & Debugging
- Security Best Practices (OAuth, JWT)
- Performance Optimization

Professional Experience

- **Senior Back-End Developer**
- *CloudPeak Technologies, Portland, OR*

August 2021 – Present

- Designed and implemented a microservices-based payment processing system using Node.js and PostgreSQL, handling 10,000+ transactions daily with 99.9% uptime.

- Optimized API response times by 30% through caching strategies (Redis) and query optimization, enhancing user experience for a customer-facing application.
- Led a team of 3 developers in migrating a monolithic application to AWS Lambda, reducing infrastructure costs by 25%.
- Integrated third-party APIs (e.g., Stripe, Twilio) into existing systems, ensuring seamless functionality and security compliance.
- **Back-End Developer**
- *FinSecure Solutions, Seattle, WA*

June 2019 – July 2021

- Developed a scalable authentication service using Python/Django and JWT, supporting 50,000+ users with zero security breaches over 2 years.
- Built and maintained RESTful APIs for a financial dashboard, improving data retrieval speed by 20% through indexing and load balancing.
- Collaborated with DevOps to automate deployment pipelines using Docker and Jenkins, cutting release times from 4 hours to 30 minutes.
- Wrote comprehensive unit tests (PyTest, Jest), achieving 85% code coverage and reducing post-deployment bugs by 15%.
- **Junior Back-End Developer**
- *NextGen Software, Denver, CO*

May 2018 – May 2019

- Contributed to the development of a logistics tracking system using Java and MySQL, processing 1,000+ daily requests with high accuracy.
- Assisted in refactoring legacy code to improve maintainability, reducing technical debt and onboarding time for new developers.
- Supported database schema design and migrations, ensuring data integrity during a major system upgrade.
- Worked closely with front-end developers to troubleshoot API integration issues, fostering a collaborative team environment.

Education

- **Bachelor of Science in Computer Science**
- *University of Colorado Boulder, Boulder, CO*

Graduated: May 2018

- Cumulative GPA: 3.7/4.0

- Senior Project: Built a real-time chat application using Node.js and MongoDB
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Certifications

- AWS Certified Developer – Associate, Amazon Web Services – 2021
 - Certified Kubernetes Administrator (CKA), CNCF – 2022
 - Oracle Certified Professional, Java SE Programmer – 2019
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Technical Skills

- Languages: JavaScript (Node.js), Python (Django, Flask), Java, Go
 - Databases: PostgreSQL, MongoDB, MySQL, Redis
 - Tools: Docker, Kubernetes, Git, Postman, Jenkins
 - Cloud: AWS (Lambda, EC2, S3), Google Cloud Platform
 - Other: GraphQL, RabbitMQ, Elasticsearch
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Projects

- **Open-Source Contributor**
- *GitHub, Remote*

January 2020 – Present

- Contributed to a popular Node.js logging library, adding features for asynchronous logging and improving performance by 10%.
 - Developed a personal project: a task management API with user authentication (Python/Flask, PostgreSQL), deployed on Heroku.
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Additional Information

- Languages: Fluent in English
- Interests: Open-source development, rock climbing, tech meetups