

John Doe

Senior Software Engineer | Backend & Cloud Specialist

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Professional Summary

A results-driven Senior Software Engineer with over 8 years of experience designing, developing, and deploying high-availability, scalable backend systems. Proven expertise in Python and its ecosystem, with a strong focus on microservices architecture and cloud-native technologies. Passionate about writing clean, maintainable code and mentoring junior engineers to foster team growth and excellence.

Technical Skills

- **Languages:** Python (Expert), SQL (Expert), Go (Intermediate), TypeScript (Intermediate)
 - **Frameworks & Libraries:** FastAPI, Django, Flask, SQLAlchemy, Pydantic, Pytest
 - **Databases:** PostgreSQL, Redis, MySQL, MongoDB
 - **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda), Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins)
 - **Tools:** Git, Linux, Nginx, Postman
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Professional Experience

Senior Backend Engineer | *Innovatech Solutions Inc.* | Jan 2019 – Present

- Led the design and development of a new microservices-based platform using FastAPI and Docker, improving system scalability by 300% and reducing latency by 40%.
- Architected and managed a robust data pipeline using PostgreSQL and Redis for real-time data processing, handling over 1 million transactions per day.
- Implemented a comprehensive CI/CD pipeline with GitHub Actions, enabling automated testing and deployment, which reduced the release cycle time from 2 weeks to 2 days.
- Mentored a team of 3 junior developers, conducting code reviews and providing guidance on best practices in software design and development.

Software Engineer | *Data Systems Corp.* | Jun 2015 – Dec 2018

- Developed and maintained core backend services for a legacy monolith application using Django and Python.
 - Played a key role in a database migration project from MySQL to PostgreSQL, ensuring data integrity and zero downtime.
 - Wrote extensive unit and integration tests, increasing code coverage from 60% to over 85% for critical modules.
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Education

Bachelor of Science in Computer Science

University of Technology | Graduated May 2015
