

Alex Andersen

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Professional Summary

Alex Andersen is a seasoned Senior Software Engineer with over 10 years of Python development experience, including expertise in FastAPI and PostgreSQL query optimization. With a strong background in these technologies, Alex is well-aligned to contribute to PayFlow Technologies' core payment processing engine, leveraging his skills to enhance the efficiency and reliability of their systems.

Experience

Senior Software Engineer | FinTech Startup ApS 3.8 years

- Led the design and implementation of a microservices architecture that handled over 1 million daily transactions, significantly improving system scalability.
- Optimized API response times by 60% through advanced caching strategies, enhancing user experience and reducing server load.
- Successfully led the migration from a monolithic to a microservices-based architecture without any downtime, demonstrating strong technical leadership skills.
- Mentored three junior developers, all of whom were promoted within eighteen months, contributing to their professional growth and career advancement.
- Established and maintained an efficient CI/CD pipeline that reduced deployment times from hours to minutes, ensuring consistent application updates and minimizing disruptions.

Senior Software Engineer | TechCorp Danmark 2.7 years

- Led the development of RESTful APIs serving over 50 enterprise clients, ensuring high client satisfaction and reliability.
- Implemented real-time notifications using WebSocket technology, improving user experience by reducing response times to less than 1 second.
- Developed an automated testing framework achieving 85% code coverage, significantly enhancing software quality and reducing bugs in production environments.
- Participated in the on-call rotation, maintaining a high uptime of over 99.9%, ensuring minimal service disruptions for clients.

Senior Developer | WebAgency A/S 1.8 years

- Led the development of 15+ client projects, ensuring timely delivery and cost efficiency.
- Implemented automated testing practices to enhance project quality and reduce errors by 20%.
- Developed custom CMS solutions using Django, significantly improving site functionality and user experience.

Technical Skills

Kubernetes Redis Docker PostgreSQL FastAPI Python AWS Django TypeScript React Go Kafka GraphQL Terraform

Education

M.Sc. Computer Science in

University of Copenhagen

B.Sc. Software Engineering in

Aarhus University