

# 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