

Jane Doe

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Summary

Experienced software engineer with 5+ years of expertise in Rust, backend development, and distributed systems. Passionate about creating scalable and maintainable solutions.

Work History

- **Senior Software Engineer at Tech Solutions Inc.**

Jan 2021 - Present

- Led the development of a high-performance API gateway using Rust, improving request throughput by 35%
- Implemented caching strategies that reduced database load by 45%
- Mentored junior developers in best practices for Rust development
- Refactored legacy C++ codebase to Rust, improving code maintainability and reducing bugs by 60%

- **Software Engineer at DataSystems Ltd.**

Mar 2018 - Dec 2020

- Designed and implemented a distributed logging system using Rust and Kafka
- Optimized database queries resulting in 30% faster response times
- Collaborated with DevOps to implement CI/CD pipelines for Rust projects
- Contributed to open-source Rust libraries for database connectivity

Projects

- **Rustasyncio**

An open-source asynchronous I/O library written in Rust designed for high-performance networking applications.

github.com/janedoe/rustasyncio

Technologies: Rust, Tokio, Async/Await, Network Programming

- **RustWebAPI**

A RESTful web API framework with automatic OpenAPI documentation generation.

github.com/janedoe/rustwebapi

Technologies: Rust, Actix-web, OpenAPI, JWT Authentication

Education

Stanford University

Master of Science in Computer Science

GPA: 3.9/4.0

Courses: Advanced Algorithms, Distributed Systems, Cloud Computing, Database Management

Aug 2016 - May 2018

Skills

Languages: Rust, Python, C++, SQL, JavaScript, TypeScript

Technicals: Backend Development, API Design, Database Design, Distributed Systems, Concurrency, Performance Optimization

Certifications: AWS Certified Developer, Rust Programming Language Certification

Tools: Docker, Kubernetes, AWS, PostgreSQL, Redis, Kafka

Version Control: Git, GitHub, GitLab