

Sarah Wilson - Backend Developer

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Professional Summary

Backend Developer dengan 5 tahun pengalaman dalam mengembangkan scalable web applications. Memiliki passion dalam AI integration dan modern backend architecture. Berpengalaman dalam full-cycle development dari design hingga production deployment.

Technical Skills

Backend Technologies

- **Languages:** Python (Advanced), JavaScript (Advanced), Java (Intermediate)
- **Frameworks:** Django, Flask, Express.js, Spring Boot
- **Databases:** PostgreSQL, MySQL, Redis, MongoDB
- **API:** RESTful API, GraphQL, WebSocket

Cloud & Infrastructure

- **Cloud Platforms:** AWS, Google Cloud Platform
- **Containerization:** Docker, Docker Compose
- **CI/CD:** GitHub Actions, Travis CI
- **Version Control:** Git, GitHub, GitLab

AI/LLM Experience

- **LLM APIs:** OpenAI API, Google Gemini API
- **Vector Databases:** Basic ChromaDB, Pinecone
- **Prompt Engineering:** Intermediate level
- **RAG Systems:** Basic implementation experience

Work Experience

Backend Developer - InnovateTech Solutions

Maret 2021 - Sekarang

- Pengembangan backend APIs untuk SaaS platform melayani 100K+ users
- Implementation automated content generation menggunakan OpenAI API
- Desain dan development RAG system untuk knowledge base management
- Optimasi API performance yang meningkatkan throughput sebesar 40%
- Implementation caching strategies dengan Redis untuk reduce database load

Junior Backend Developer - FinTech Startup

Agustus 2019 - Februari 2021

- Development RESTful APIs untuk payment processing system
- Integration dengan multiple payment providers and banks
- Implementation real-time transaction monitoring
- Database design dan optimization untuk financial data

Backend Intern - E-commerce Company

Januari 2019 - Juli 2019

- Assisted dalam API development dan maintenance
- Implementation automated testing untuk backend services
- Performance optimization untuk existing endpoints

Education

S1 Sistem Informasi - Institut Teknologi Bandung 2015 - 2019 GPA: 3.8/4.0

Projects

Smart Document Analyzer

Academic Project - 2020

- AI-powered document classification system menggunakan Python
- Implementation text extraction dari PDF documents
- Integration dengan OpenAI API untuk document summarization
- Web interface menggunakan Flask untuk document upload dan analysis

E-commerce Backend System

Personal Project - 2019

- Complete backend system untuk e-commerce dengan Django
- User authentication, product catalog, order management
- Payment integration dengan Stripe API
- Real-time inventory management dengan WebSocket

Technical Achievements

- Reduced API response time by 60% through query optimization
- Implemented automated testing coverage 85%+
- Successfully migrated monolithic application to microservices
- Built AI-powered features that increased user engagement by 35%

Skills Assessment

- **Problem Solving:** Strong analytical and systematic approach
- **Team Collaboration:** Excellent communication and teamwork
- **Learning Agility:** Quick learner of new technologies
- **Code Quality:** Clean code practitioner with comprehensive testing

Languages

- **Bahasa Indonesia:** Native
- **English:** Fluent
- **Mandarin:** Basic