

Robert Kim

Backend Software Engineer

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Location: Seattle, WA

GitHub: github.com/robertkim

PROFESSIONAL SUMMARY:

Experienced Backend Engineer with 6 years specializing in scalable server-side

development. Expert in microservices architecture, API design, and database optimization. Proven track record of building robust systems handling millions of requests daily.

TECHNICAL SKILLS:

- Languages: Python, Java, Node.js, Go, C++
- Frameworks: Django, Flask, Spring Boot, Express.js, FastAPI
- Databases: PostgreSQL, MongoDB, Redis, MySQL, DynamoDB
- Cloud: AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes
- APIs: REST, GraphQL, gRPC, WebSocket
- Tools: Git, Jenkins, Terraform, Kafka, RabbitMQ
- Testing: pytest, unittest, Postman, API testing

PROFESSIONAL EXPERIENCE:

Senior Backend Engineer | CloudTech Systems | 2020 - Present

- Designed and developed microservices architecture serving 5M+ API requests daily
- Built RESTful APIs using Python/Django and Node.js/Express
- Optimized database queries, improving response time by 60%
- Implemented caching strategies using Redis, reducing database load by 50%
- Deployed and managed services on AWS using Docker and Kubernetes
- Designed database schemas for high-traffic applications
- Implemented authentication and authorization systems
- Created comprehensive API documentation

Backend Developer | TechStartup Co | 2018 - 2020

- Developed backend services using Python Flask
- Built RESTful APIs for mobile and web applications
- Worked with PostgreSQL and MongoDB databases
- Implemented authentication using JWT tokens
- Participated in code reviews and agile development

EDUCATION:

Master of Science in Computer Science

University of Washington | 2018

Bachelor of Science in Software Engineering

University of Washington | 2016

PROJECTS:

- Real-time Chat Application - WebSocket-based backend with 10K+ concurrent users
- E-commerce Backend API - Handles inventory, orders, and payments
- Analytics Service - Processes and aggregates large datasets

CERTIFICATIONS:

- AWS Certified Solutions Architect (2021)
- MongoDB Certified Developer (2020)