Sarah Chen

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PROFESSIONAL SUMMARY

Full-stack software engineer with 6 years of experience building scalable web applications. Strong background in Python, TypeScript, and cloud infrastructure. Passionate about clean code, automated testing, and mentoring junior developers. Led migration of monolith to microservices architecture serving 2M+ users.

WORK EXPERIENCE

Senior Software Engineer - TechFlow Inc., San Francisco, CA   *Jan 2022 - Present*
- Led team of 5 engineers migrating monolithic Django app to microservices (Python, Go)
- Designed real-time data pipeline processing 500K events/day using Kafka
- Reduced API response times by 40% through caching and query optimization
- Mentored 3 junior developers with weekly code reviews and pair programming
- Introduced CI/CD best practices, reducing deployment failures by 60%

Software Engineer - DataBridge Solutions, Oakland, CA   *Mar 2019 - Dec 2021*
- Built RESTful APIs serving 100K+ daily active users using FastAPI and PostgreSQL
- Developed React/TypeScript frontend components for analytics dashboard
- Implemented OAuth2 authentication and role-based access control
- Wrote comprehensive test suites achieving 85% code coverage
- Collaborated with product team to define technical requirements

Junior Developer - WebStart Agency, San Jose, CA   *Jun 2018 - Feb 2019*
- Developed responsive web applications using React and Node.js
- Maintained and debugged legacy PHP codebases for client projects
- Participated in agile ceremonies and sprint planning

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Go, SQL, HTML/CSS
Frameworks: Django, FastAPI, React, Next.js, Node.js, Express
Databases: PostgreSQL, Redis, MongoDB, DynamoDB
Cloud/DevOps: AWS (EC2, S3, Lambda, ECS), Docker, Kubernetes, Terraform, GitHub Actions
Tools: Git, Jira, Datadog, Grafana, Kafka, RabbitMQ

EDUCATION

B.S. Computer Science - University of California, Berkeley   *2014 - 2018*
GPA: 3.7/4.0 | Deans List | TA for CS61B Data Structures