

## Summary

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Software Engineer with 3+ years full-stack development experience in Python, Java, JavaScript, React, and AWS. Proven track record optimizing system performance by 40%+, delivering scalable applications serving 10M+ users with 99.9%+ uptime, and implementing CI/CD pipelines. Expertise in microservices architecture, machine learning, and agile development.

## Experience

### SellWizr

June 2025 – Present

Software Engineer Intern

New York, NY

- Engineered Docker-based microservices infrastructure for enterprise CRM, implementing containerization patterns that reduced deployment time by 40% and improved scalability.
- Developed monitoring solution using AWS CloudWatch and custom metrics, enabling real-time performance tracking and reducing MTTR by 60%.
- Implemented test-driven development (TDD) practices in agile cycles, achieving 98% code coverage and 70% reduction in production defects.
- Collaborated with cross-functional teams to design and implement RESTful APIs, ensuring proper error handling and API documentation standards.

### San Francisco State University

Oct 2022 – Present

Head VP Assistant

San Francisco, USA

- Orchestrated University Committee Meetings with 100% compliance to open meeting laws across 15+ committees, ensuring operational transparency.
- Streamlined agenda processes, improving meeting efficiency by 25% and enhancing cross-departmental communication workflows.
- Managed funding evaluation for 200+ organizations, achieving 90% approval rate and facilitating \$500K+ in allocated resources.
- Supervised team of 4 VP Assistants, implementing performance tracking systems and optimizing committee operations under Board oversight.

### MeetX

Feb 2025 – Apr 2025

AI/ML Engineer

Bengaluru, India

- Architected production-ready hybrid recommendation system using TensorFlow and PyTorch, achieving 95% accuracy in user preference prediction for 50K+ concurrent users.
- Implemented deep learning-based cold-start algorithms, increasing new user engagement by 40% and session duration by 25%.
- Optimized ML model performance using XGBoost and Scikit-learn, achieving 60% faster inference times and improved model accuracy across recommendation engine.
- Designed data preprocessing pipelines and feature engineering workflows, handling large-scale user interaction datasets for model training.

### Site Service Software

Aug 2024 – Apr 2025

Software Engineer Intern (Full Stack)

San Francisco, USA

- Spearheaded full-stack migration from legacy systems to React/Spring Boot/PostgreSQL stack, achieving 100% modernization and 40% performance improvement.
- Developed 20+ RESTful APIs with comprehensive validation, optimizing database queries and reducing response times by 30%.
- Implemented OAuth 2.0 authentication, JWT management, and OWASP-compliant security, reducing vulnerabilities by 85%.

### Glitter Fund

Jan 2023 – Dec 2023

Lead Software Developer Intern

San Francisco, USA

- Led team of 3 engineers building Django-based real-time stock screening platform, integrating Tradier API and optimizing latency by 30%.
- Engineered custom stock filtering algorithms for portfolios under \$1000, deployed on AWS EC2 with CI/CD maintaining 99.9% uptime.
- Implemented Redis caching and database optimization strategies, improving platform response times by 45% under high user load.

## Projects

### Custom Linux File System (C/C++, Docker)

- Engineered high-performance virtual file system with FAT32 implementation, achieving 35% faster I/O operations and 40% storage optimization.
- Implemented POSIX-compliant shell commands using C++17 standards, containerized with Docker for deployment.
- Developed custom memory management system with buffer caching, reducing disk access by 50% and improving concurrent file operations.

### API Gateway with Rate Limiting & Security (Node.js, Redis, Caddy, Auth0)

- Architected self-hosted API Gateway with automatic TLS and Redis-based rate limiting, achieving 99.5% service availability.
- Integrated Auth0 JWT authentication and microservices load balancing, reducing unauthorized access by 60%.
- Built comprehensive logging and metrics collection, enabling detailed analytics and performance monitoring for personal server infrastructure.

## Education

### San Francisco State University

Fall 2025

Bachelor of Science in Computer Science — GPA: 3.95 — Phi Beta Kappa Honor Society

San Francisco, California

**Relevant Coursework:** Data Structures & Algorithms, Programming Methodology, Web Development, Database Systems, Machine Structures, Operating Systems, Software Engineering, Computer Networks, Artificial Intelligence, System Administration

## Skills

**Languages:** Python, Java, JavaScript, TypeScript, C, C++, GoLang, SQL

**Frontend:** React, Angular, Vue.js, HTML5, CSS3

**Backend:** Node.js, Express.js, Django, Flask, Spring Boot, RESTful APIs

**Databases:** PostgreSQL, MySQL, MongoDB, Redis

**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, CI/CD

**AI/ML:** TensorFlow, PyTorch, Scikit-learn, XGBoost

**Development:** Git, GitHub, Jenkins, Agile/Scrum

**Security:** OAuth 2.0, JWT, OWASP Standards