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Summary

Software Engineer with 4+ years building scalable, high-performance systems across full-stack web development, AI/ML infrastructure, and distributed systems. Strong foundation in Python, JavaScript, and cloud platforms with experience designing user-focused solutions from low-level systems to customer-facing UIs. Passionate about open-source contributions and learning new technologies in fast-paced, collaborative environments.

Experience

SellWizr   **June 2025 – Present**
Software Engineer Intern   *New York, NY*

- Built scalable microservices infrastructure using Golang and Python with Docker containerization, achieving 40% deployment efficiency improvement through clean, maintainable code and automated CI/CD pipelines.
- Developed AI-powered workflow optimization system processing large datasets with machine learning algorithms, improving system performance by 60% through efficient algorithms and distributed computing frameworks.
- Collaborated with cross-functional teams to deliver end-to-end features, implementing comprehensive testing strategies achieving 98% code coverage with focus on maintainable, well-documented production code.

Site Service Software   **Aug 2024 – Apr 2025**
Full-Stack Software Engineer Intern   *San Francisco, USA*

- Designed and developed scalable web applications using React frontend and Spring Boot backend with PostgreSQL, achieving 40% performance improvement through database optimization and efficient system design.
- Built 20+ RESTful APIs with comprehensive validation and documentation, optimizing database queries and reducing response times by 30% while maintaining high code quality and collaborative development workflows.
- Led migration from legacy systems to modern tech stack, participating in code reviews and performance optimization while contributing ideas to shape technical infrastructure and product direction.

meetX   **Nov 2023 – July 2024**
Software Engineer Intern   *San Francisco, USA*

- Built production web applications using JavaScript, React, and AWS cloud platforms (EC2, S3, CloudWatch), implementing scalable architecture patterns serving 100K+ users with real-time data processing capabilities.
- Developed AI-powered recommendation systems using machine learning frameworks, improving user engagement by 35% through creative problem-solving and effective communication of technical trade-offs.
- Implemented comprehensive monitoring and debugging systems with AWS integration, ensuring high availability and rapid incident response while adapting to new tools and frameworks in collaborative environment.

Glitter Fund   **Jan 2023 – Dec 2023**
Software Engineer Intern   *San Francisco, USA*

- Designed and maintained high-quality software for financial platform using Python, Django, and PostgreSQL, integrating external APIs and maintaining 99.9% uptime through robust system architecture.
- Engineered real-time data processing algorithms deployed on AWS with distributed systems design, optimizing performance by 30% through efficient coding practices and cloud platform optimization.
- Implemented advanced analytics and monitoring tools with comprehensive logging, improving system reliability by 45% through proactive debugging and performance optimization techniques.

Technical Projects & Open Source Contributions

AI-Powered Job Matching Platform — Link to GitHub

- Built automated job search platform using Python, spaCy NLP, and Google Gemini LLM with TF-IDF vectorization and cosine similarity algorithms for intelligent job-candidate matching and resume analysis.
- Engineered web scraping system with Selenium and BeautifulSoup for LinkedIn data collection, implementing smart resume parsing with PyMuPDF and advanced skill extraction through natural language processing.

ARIA Voice Assistant - AI Speech Processing — Link to GitHub

- Developed real-time voice-to-text transcription system using Python, PyTorch, and Whisper AI with modular architecture designed for seamless integration with voice assistant components.
- Implemented high-accuracy speech processing with Transformers and Librosa, featuring flexible model selection supporting both lightweight and advanced transcription engines with cross-platform compatibility.

AI Blog Generator - Content Creation Platform — Link to GitHub

- Created AI-powered content generation system using Python, Flask, and OpenAI GPT API with automated scheduling capabilities, reducing content creation time by 90% through intelligent automation.
- Built responsive web interface with markdown-to-HTML conversion and persistent storage, implementing SEO optimization and affiliate link support with comprehensive documentation and testing.

ConnectX - Real-Time Communication Platform — Link to GitHub

- Designed and developed real-time chat application using Next.js, React, and Socket.IO with JWT authentication and PostgreSQL database, implementing clean, efficient code with focus on maintainability.
- Built scalable digital library system with drag-and-drop functionality and secure image sharing, demonstrating expertise in full-stack development and distributed systems architecture.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, Golang, Java, C, C++, SQL, Bash
AI/ML & Frameworks: PyTorch, TensorFlow, OpenAI API, spaCy NLP, scikit-learn, Whisper AI, Machine Learning
Web Development: React, Next.js, Node.js, Flask, Django, Spring Boot, RESTful APIs, Socket.IO, HTML/CSS
Cloud & Infrastructure: AWS (EC2, S3, Lambda, CloudWatch), Docker, PostgreSQL, MongoDB, Redis, Git
Software Engineering: Distributed Systems, Database Design, Code Reviews, Testing, Documentation, CI/CD

Education

San Francisco State University   **Expected Fall 2025**
Bachelor of Science in Computer Science — GPA: 3.95/4.0 — Phi Beta Kappa Honor Society   *San Francisco, California*
Relevant Coursework: Data Structures & Algorithms, Machine Learning, Distributed Systems, Database Systems, Software Engineering, Web Development