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Summary

Full-Stack Software Engineer with 4+ years building scalable web platforms and ML-driven applications. Extensive Python development experience with React.js, Node.js, and cloud platforms (AWS). Proven expertise in end-to-end project delivery, database optimization, and distributed systems architecture. Strong background in technical assessment platforms, performance enhancement, and collaborative development practices with 98% code coverage achievements.

Experience

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

- Engineered Docker-based microservices infrastructure for enterprise CRM platform, implementing containerization patterns that reduced deployment time by 40% and improved scalability using CI/CD tools and cloud platforms.
- Designed and developed complex AI workflow system using Python, Temporal, and n8n frameworks, improving workflow optimization by 60% through distributed systems architecture and performance monitoring.
- Implemented test-driven development practices in agile cycles, achieving 98% code coverage and 70% reduction in production defects through comprehensive code reviews and quality enhancement processes.

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 through database optimization and query tuning.
- Developed 20+ RESTful APIs with comprehensive validation using Python and Node.js, optimizing relational database queries and reducing response times by 30% in highly available distributed systems.
- Implemented OAuth 2.0 authentication, JWT management, and secure user management systems, reducing vulnerabilities by 85% through robust backend architecture and frontend integration.

MeetX — **Feb 2025 – Apr 2025**
AI/ML Engineer — *Bengaluru, India*

- Architected production-ready hybrid recommendation system using Python, TensorFlow, and PyTorch, achieving 95% accuracy in user preference prediction for 50K+ concurrent users through scalable ML pipeline engineering.
- Implemented deep learning algorithms and data pipeline engineering workflows, increasing new user engagement by 40% and session duration by 25% through advanced model optimization and performance tuning.
- Optimized ML model performance using Python-based frameworks (XGBoost, Scikit-learn), achieving 60% faster inference times through distributed computing and cloud platform deployment on AWS.

Glitter Fund — **Jan 2023 – Dec 2023**
Lead Software Developer Intern — *San Francisco, USA*

- Led team of 3 engineers building full-stack Django platform using Python and React.js, integrating financial APIs and optimizing latency by 30% through database modeling and cloud deployment strategies.
- Engineered custom algorithmic filtering systems deployed on AWS EC2 with CI/CD pipelines, maintaining 99.9% system availability through robust backend architecture and monitoring solutions.
- Implemented Redis caching and PostgreSQL optimization strategies, improving platform response times by 45% under high user load through effective database query tuning and distributed caching.

Projects

AI-Powered Job Matching Platform (Python, Machine Learning, NLP)

- Built automated job search and resume analysis platform using Python, spaCy NLP, and Google Gemini LLM, implementing TF-IDF vectorization and cosine similarity algorithms for intelligent job-candidate matching.
- Engineered web scraping system using Selenium and BeautifulSoup for LinkedIn job data collection, with smart resume parsing using PyMuPDF and advanced skill extraction through natural language processing.
- Developed comprehensive matching engine with scikit-learn and pandas, generating personalized career insights and recommendations, demonstrating expertise in data pipeline engineering and machine learning workflows.

GitHub Portfolio Generator (Python, AI APIs, Automation)

- Created automated portfolio generation tool using Python, GitHub API, and Anthropic Claude AI for professional project documentation, featuring smart repository detection and pre-flight validation systems.
- Implemented AI-powered project summarization with FPDF for automated PDF generation, including modern design elements, structured layouts, and real-time progress tracking with comprehensive error handling.
- Streamlined developer workflow by reducing portfolio creation time by 90%, demonstrating expertise in API integration, automation, and professional documentation generation for technical showcase platforms.

SafeWalk - Real-Time Safety Navigation Platform (React, Node.js, APIs)

- Developed comprehensive pedestrian safety platform using React, Node.js, and Express with real-time 911 data integration and Google Maps API, featuring AI-powered route generation and interactive map visualization.
- Built full-stack application with Leaflet mapping, Chart.js data visualization, and WebSocket real-time updates, implementing smart route scoring algorithms and community-driven alert systems.
- Architected scalable safety data processing pipeline with Tailwind CSS frontend and RESTful backend APIs, demonstrating expertise in real-time web applications and geospatial data management for public safety solutions.

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, Database Systems, Web Development, Software Engineering, Machine Learning, Distributed Systems, Computer Networks

Skills

Programming Languages: Python, JavaScript, Node.js, Java, C, C++, SQL, Bash
Frontend & Backend: React.js, Next.js, Flask, Django, Spring Boot, RESTful APIs, Express.js
Databases & Cloud: PostgreSQL, MySQL, MongoDB, Redis, AWS (EC2, S3, Lambda), GCP, Database Optimization
ML & Data: TensorFlow, PyTorch, Scikit-learn, Machine Learning, Data Pipeline Engineering, LLMs
DevOps & Tools: Docker, Kubernetes, CI/CD, Git, GitHub, OAuth 2.0, JWT, Socket.IO, Microservices