KRISHNA PANJIYAR

San Jose, CA | 408-625-0678 | Krishna.Panjiyar789@gmail.com | www.krishnapanjiyar.com | GitHub | LinkedIn

PROFESSIONAL SUMMARY

Software Engineer and M.S. Software Engineering student at SJSU skilled in **Java, Python, distributed systems, and cloud-native microservices**, with experience in **large-scale systems** and **performance optimization** (**20% latency reduction, 25% engagement boost**). Seeking **Summer 2026 Software Engineering /Full-Stack / Backend/ AI/ML/ DevOps/ Cloud Internships** to contribute to **scalable infrastructure** and **high-impact products**.

EDUCATION

M.S. Software Engineering - San José State University   **May 2027 (Expected)**
B.S. Software Engineering - San José State University   **Dec 2022**

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, JavaScript, TypeScript, Swift, Go, Spring Boot, React.js, Next.js, Node.js (NestJS), SQL (Postgres/MySQL), MongoDB
Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins, GitHub Actions, Oracle Cloud, DigitalOcean
Tools: REST APIs, GraphQL, WebSockets, Prometheus, Grafana, CloudWatch, JUnit, Selenium, Postman, Figma
AI/ML: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Hugging Face, OpenAI API

EXPERIENCE

Software Engineer, Feature Stack IT Inc.   **January 2023 – August 2025**
- Developed and optimized **high-performance distributed microservices** with Java/Spring Boot, reducing API latency by 20% and increasing **system reliability at scale enterprise-level deployments**.
- Designed and delivered customer-facing features (onboarding, payments, dashboards), boosting engagement by 25% across thousands of users.
- Optimized SQL queries and applied advanced **data structures and algorithms**, cutting execution times by 20% and improving **backend scalability for large-scale systems**.
- Contributed to **architecture reviews for reliability, maintainability, and security compliance**, while mentoring junior developers.

Software Engineer Intern, Neuroleap Corp.   **April 2021 - September 2022**
- Built an iOS app (SwiftUI + Firebase) with **secure authentication** and **real-time data sync**, supporting reliable cross-device experiences in **Unix/Linux environments**.
- Deployed **scalable backend services** with Docker & VPS, adding monitoring and fault tolerance.
- Implemented **firewalls, telemetry dashboards, and performance tuning** to strengthen system security.
- Worked in an **Agile team**, improving release velocity through sprint planning, peer code reviews, and collaborative problem solving.

Student Assistant – Learning Center Technologies, Cañada College   **Jan 2018 – Jul 2020**
- Resolved **60% of IT issues on first contact** and supported updates/System maintenance.
- Assisted in hardware/software repairs, **network troubleshooting and system upgrades** alongside senior IT staff.

PROJECTS

1. Intelligent Movie Recommendation System | GitHub | *FastAPI, PyTorch, Hugging Face Transformers, OpenAI API, Docker, AWS* | AI-powered movie recommendation system for personalized discovery:
- Built a **hybrid recommender system** (Matrix Factorization + Transformer embeddings) achieving ~87% precision@K.
- Integrated **LLM-powered natural language queries**, enabling retrieval-based recommendations like "Show me sci-fi movies like Inception."
- Deployed on **AWS Fargate with monitoring and auto-scaling**, boosting **reliability, parallel query throughput, and large-scale performance.**

2. Full-Stack E-Commerce Platform | GitHub | *React.js, Next.js, Node.js (NestJS), PostgreSQL, Redis, Stripe API, Docker, Kubernetes, AWS (EKS)* | Cloud-native e-commerce platform with product catalog, checkout, and payments:
- Developed a **cloud-native microservices platform** with GraphQL APIs for authentication, catalog, and orders.
- Integrated **Stripe payments + Redis caching** for fast transaction handling.
- Automated CI/CD with **GitHub Actions**, deploying on **AWS EKS Kubernetes clusters** for scalability.

3. Insurance Claims Management System | GitHub | *Spring Boot, Hibernate, PostgreSQL, Elasticsearch, Kafka, Docker* | Distributed platform for managing policies and claims:
- Designed **Spring Boot microservices** for policy, claim, and search with Hibernate + PostgreSQL.
- Enabled **Kafka event-driven claim processing** and Elasticsearch for full-text search.