

SUMMARY

Senior Software Engineer specializing in AI-powered developer tooling, distributed systems, and large-scale modernization. Built enterprise AI platforms that migrated 142 services in 14 days and reduced debugging time by 30%.

WORK EXPERIENCE

Intuit - Senior Software Engineer

06/2024 - Present

- **Architecture Modernization:** Redesigned subscription lifecycles using **Temporal and Saga patterns**, migrating monoliths to microservices and cutting SLA by **40%**.
- **Voyager AI Platform:** Architected an AI code-transformation tool that migrated **142 services in 14 days**, completing ~500 hours of manual work in a fraction of the time.
- **Agentic AI Oncall Assistant:** Led 5 engineers to build an AI assistant that reduced developer debugging time by **30%** through automated ticket categorization.
- **RRT Agent:** Developed a natural language AI Agent enabling non-technical teams to independently resolve customer queries, reducing engineering dependency and improving response turnaround.
- **TurboTax SDE Feature:** Spearheaded development for early tax refunds, driving revenue growth while maintaining **99.9% uptime** during peak season.
- **GitHub Transformers:** Built AI-driven automation agents that standardized code quality across repositories, accelerating modernization initiatives and reducing manual review overhead by **50%**.
- **Enterprise Scalability:** Designed and deployed scalable RESTful and GraphQL API solutions for mid-market supporting **10,000+ concurrent users** with sub-100ms latency and high availability.

PayPal - Backend Engineer - SDE 3

07/2021 - 06/2024

- **Revenue Growth:** Integrated three major payment methods, contributing to a **25% revenue increase** and a **20% reduction** in chargebacks via new fraud algorithms.
- **Performance Engineering:** Optimized database queries and Redis caching to reduce average API response times from **500ms to 150ms**.
- **Integration Framework:** Designed a standardized SDK that cut payment provider integration cycles from **2 weeks down to 3 days**.
- **Quality & CI/CD:** Implemented automated static analysis and code review standards, resulting in a **15% reduction** in post-release bugs.
- **Deployment Safety:** Developed a scalable testing framework supporting **canary deployments** and feature flagging for safe production releases.
- **Leadership:** Mentored new hires through a structured "buddy system," reducing onboarding time by **30%**.

Zoho CRM - Full Stack Developer - Member Technical Staff

05/2019 - 07/2021

- **Agile Transformation:** Facilitated the transition from Waterfall to Scrum for **20+ developers**, reducing deployment issues by **35%**.
- **PRM Module Development:** Designed CRUD APIs using **Spring Boot** with role-based access control and **90%+ test coverage**.
- **Licensing Framework:** Re-engineered the licensing system to support **50,000+ concurrent checks**, enabling real-time sales analytics and increased upsell performance.
- **HIPAA Compliance:** Partnered with security teams to implement end-to-end encryption and audit logging, meeting critical regulatory requirements for healthcare data.
- **Product Reliability:** Delivered **3 major enhancements** (advanced search, custom fields) and **2 zero-downtime releases** for **100,000+ users**, improving productivity by **40%**.

SOFTWARE PROJECTS

- Built a gaming platform for board game enthusiasts to play with friends online, hosted at: <https://boardgameshive.com/games-home>
- Shared Wallet - Developing expense-splitting and settlement application with modern tech stack (In Progress).
- GPU Fault tolerance in Deep Learning - Implemented fault and delay tolerance mechanisms for deep learning frameworks under GPU constraints.
- AI-Powered Academic Stress Management - Built machine learning solution for student stress analysis and management recommendations.
- Enterprise Management Systems - Developed Library and Supermarket Management systems using Java Swings and AWT.

ACHIEVEMENTS

- Spot Award for building code transformation tool that helped increase developers productivity (2025).
- Spot Award for being an avid team player and motivating team to work on AI (2025).
- Spot Award for developing 3 bug free initiatives in IES (2025).
- Participated and won the AI Hackathon (2024).
- Completed 500+ problems related to DSA on Leetcode/GFG.
- Spot Award for being a true team player and customer champion in delivering products to the customers before time with good quality. (2023)
- Spot Award for taking up anything with great enthusiasm, looking at details and making sure everything finished with quality and great follow ups till completion and beyond. (2022)
- Received One Team award twice for being productive in delivering key deliverables on time. (2021)

SKILLS

Languages: Java, Python, Go

Backends & Frameworks: Spring Boot, RESTful APIs, GraphQL, Microservices, Distributed Systems

Databases: SQL, NoSQL, Redis

Messaging & Streaming: Kafka, Pulsar

DevOps & Tools: Git, Docker, CI/CD, AWS (S3, EC2, ECS, Lambda), GCP

AI & Automation: LangChain, LangGraph, Agentic AI, Transformation Pipelines

Architectural Patterns: Saga, Event-Driven, Temporal Workflows