PRAVEENKUMAR YERUVA

Senior Software Engineer | Backend & Distributed Systems | Applied AI Engineering

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PROFESSIONAL SUMMARY

- Software engineer with 7+ years of experience across Atlassian, Microsoft, Five9, and Pervacio, building backend services, distributed systems, and mobile products.
- Delivered AI-powered Copilot Chat integration for Microsoft 365 and independently developed Scryon, an AI call-transcription and insights application published on Google Play.
- Experienced in Java, Kotlin, Spring Boot, cloud platforms, API design, and integrating speech recognition and large language models into product workflows.

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, SQL, Swift, Objective-C, JavaScript

Backend & Cloud: Spring Boot, REST APIs, Microservices, Distributed Systems, Kafka, RabbitMQ, GCP, Azure, AWS, Kubernetes, CI/CD

AI & Data: LLM API Integration (OpenAI), AI-driven Summarization, Transcription, Speaker Diarization (pyannote), RAG Architecture, Embeddings, Vector Search (pgvector), Prompt Design

Databases & Mobile: PostgreSQL, MySQL, MongoDB, SQLite, Neo4j, Android, Jetpack Compose, Firebase Authentication

Developer Tools & Quality: Git, Maven, Gradle, Linux, JUnit, UI Test Automation, Claude, Cursor, OpenAI Codex

PROFESSIONAL EXPERIENCE

Software Engineer II | Atlassian

Jun 2025 – July 2026 | Remote

- Developed and maintained microservices and platform APIs supporting Atlassian's internal MICROS distributed-services platform.
- Contributed to backend service migrations to Google Cloud Platform, supporting cloud scalability and operational efficiency.
- Implemented cloud-agnostic service architecture and improved reliability, observability, and deployment workflows.

Software Engineer II | Microsoft

Mar 2022 – Apr 2025 | Hyderabad, India

- Led end-to-end implementation of Copilot Chat for consumer users in the Microsoft 365 app, integrating an AI-powered conversational experience into a production mobile product.
- Designed A/B experiments to evaluate Copilot Chat adoption and user engagement; handled product integration, testing, and release readiness.
- Built reusable Fluent UI Android components; introduced automated UI testing pipelines that reduced manual testing effort by 40%.
- Streamlined releases through deployment automation and mentored junior engineers on implementation and coding practices.

Software Engineer I | Five9

Jul 2019 – Sep 2021 | San Ramon, CA, USA

- Optimized engagement workflow algorithms to improve processing efficiency by 5x.
- Supported MySQL upgrades, database sharding, and slow-query optimization for improved data access efficiency.

Software Engineer | Pervacio India

Jan 2016 – Aug 2017 | Hyderabad, India

- Migrated an iOS diagnostics app from Objective-C to Swift, improving performance by 2x and reducing code size by 50%; contributed to architecture and feature delivery.

PERSONAL PROJECTS

Scryon | AI Call Transcription & Conversation Insights

Independent product | Android app published on Google Play

- Built an Android (Kotlin/Jetpack Compose) app and Spring Boot backend that process recorded calls into searchable transcripts, summaries, and actionable follow-ups.
- Integrated speech transcription, pyannote-based speaker diarization, and OpenAI-powered structured analysis; designed audio-processing, normalization, speaker-mapping, and transcript workflows.
- Implemented Firebase-authenticated APIs and asynchronous processing, with audio deleted after processing; built features for organizing transcripts and action items.

Multi-Tenant AI Knowledge Platform | RAG SaaS

Personal project | Architecture and development in progress

- Working on a multi-tenant retrieval-augmented generation architecture with Spring Boot, Python/FastAPI, PostgreSQL/pgvector, document parsing, chunking, and embedding-based retrieval.
- Defined connector-sync workflows, access-controlled hybrid search, reranking, and citation-grounded answers for enterprise knowledge sources; implementation underway.

EDUCATION & RECOGNITION

M.S., Computer Science | California State University, East Bay | 2019

B.Tech., Information Technology | MGIT | 2016

Java2SE Certified | Cisco CCENT | 3rd Place, Intuit Small Biz Hackathon (36 teams)