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PROFESSIONAL SUMMARY

Backend engineer with **2.5 years** building and operating production systems end-to-end: payment integrations across Stripe, PayPal, and an in-house gateway; a zero-downtime CRM migration; and an SQS-backed scheduling engine handling **13k+** requests/month. Strong production root-cause record: traced live revenue defects against replica data and shipped the fixes. Previously technical point of contact for enterprise clients including Uber and HDFC Ergo.

PROFESSIONAL EXPERIENCE

Software Engineer

CodeYoung | Bangalore, India

March 2026 – Present

Lead a zero-downtime CRM migration (Cratio to Arali) across two backend services, designing a config-driven adapter layer that enables dual-write, phased cutover, and instant rollback without a deploy; **135k+** operations synced across **9** flows since rollout.

Own student-reschedule and mentor-substitution flows in Loop, an SQS-backed scheduling engine processing **13k+** requests/month; shipped a deferred cancellation ledger that eliminated a defect charging students twice for a single cancellation.

Re-architected the admin scheduling-requests API from per-mentor rows to request-level grouping, adding faceted counts, server-driven search, filtering, pagination, and a mentor-eligibility endpoint; validated against live staging data and covered by Jest suites.

Rebuilt the demo reminder pipeline (AI voice calls, WhatsApp, email) as a scheduled-task system with atomic call reservation and deduplication windows, eliminating duplicate outreach across **35k+** reminders/month and making every reminder auditable.

Extended interval-based billing across three payment gateways (Stripe, PayPal, and an in-house gateway), adding custom multi-month PayPal plans and mid-cycle vendor switching that preserves interval metadata to prevent billing drift.

Built a read-only production-replica investigation toolkit (query, schema, and entity-timeline CLIs with incident playbooks) and used it to trace a webhook race that double-charged customers (**22** cases across **3** gateways since 2022), prove **40%** of AI feedback calls were silently never firing, and surface **95** demo sessions wrongly marked unattended.

Software Engineer

Thriving Springs | Hyderabad, India

February 2024 – February 2026

Served as technical point of contact for enterprise clients including **Uber, HDFC Ergo, and InCred**: diagnosed production issues, coordinated fixes, and supported live feature rollouts in customer environments.

Redesigned MongoDB schemas with index-aware access patterns and consolidated duplicated data paths, cutting average query latency by **15%** and reducing stored-data redundancy.

Designed and owned backend APIs for LMS and OJT workflows in Node.js and FastAPI (Python), powering automated role assignment and skill mapping for **200k+** active users under concurrent access.

Migrated and validated **100k+** production records via staged rollouts, integrity checks, and backward-compatible data contracts with zero data loss; built bulk CSV ingestion with schema validation and partial-failure recovery for **200k+** user onboarding.

Stabilized API response times under traffic spikes using Redis caching with TTL-driven invalidation; deployed containerized microservices on Docker and Kubernetes in AWS-hosted environments.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL; working knowledge: C++

Backend & Systems: Node.js (Express.js), Spring Boot, FastAPI, REST APIs, WebSockets, Redis, AWS SQS, Microservices, RBAC, JWT, Async I/O

Databases: MySQL, MongoDB, PostgreSQL, Sequelize ORM, JPA/Hibernate (Schema Design, Indexing)

Cloud & DevOps: AWS (EC2, S3, SQS, IAM, RDS), Docker, Kubernetes, Linux, Nginx, CI/CD

Frontend: React, Redux Toolkit, Angular, HTML5, CSS3

Observability & Reliability: Loggly, Winston, Sentry, Jest, Production RCA, Incident Investigation

Integrations: Stripe, PayPal, Zoom, WhatsApp Business API, CRM Migration

TECHNICAL PROJECTS

LinkedIn Profile API | Python, FastAPI, Pydantic, Docker | [live demo](#) | [code](#)

Reverse-engineered LinkedIn's internal Voyager API to turn any profile URL into structured JSON (experience, education, skills, images) with no browser automation or HTML parsing anywhere in the data path.

Deployed live with a bring-your-own-session security model: callers pass session cookies per request; nothing is stored or logged.

Dynamic Form Builder | React (Vite), Java Spring Boot, JPA/Hibernate, SQL

Built a layered Spring Boot backend (Controller–Service–Repository) with a normalized schema separating forms, fields, responses, and response values, enabling arbitrary form composition and scalable response storage.

EDUCATION

B.Tech, Information Technology | Manipal University Jaipur | CGPA: 8.9/10.0

October 2020 – July 2024