

KRISHNA CHIKHALE

+91 9175169772 | chikhale394@gmail.com | [LinkedIn](#) | [GitHub](#) | [Youtube](#)

PROFESSIONAL SUMMARY

3+ years of professional experience in software engineering, specialising in building scalable solutions and optimising performance for high-impact projects.

TECHNICAL SKILLS

Programming Languages: Java, Python, Kotlin | **Frameworks:** Spring Boot, ExpressJS, Android SDK, ReactJS | **Tools:** Docker, Firebase, Linux | **Databases:** Postgres DB, MongoDB | **Platforms:** AWS (Lambda, S3, API Gateway, CloudFront, EC2) | **Others:** Android Application Development, Microservices, Git, Data Structures & Algorithms, Kafka

PROFESSIONAL EXPERIENCE (3+ Years)

Specialist Programmer

May 2022 - Jan 2025

Infosys Private Limited

Hybrid

- Engineered a high-performance Java NIO and POSIX shared memory solution for terabyte-scale DDN data I/O, increasing throughput by 40%.
- Designed and implemented a real-time monitoring dashboard for critical metrics (InfiniBand, GPU, memory, containers, nodes), improving operational visibility and reducing troubleshooting time by 87%.
- Built test infrastructure for many-to-many Linux data transfer mappings, expanding testing scenarios.
- Automated NFS/RDMA (RoCE) & RDMA I/O tests using Jython-integrated software, replacing manual multi-device validation and reducing testing time by 90%.
- Built a cron-driven rsync-based data transfer pipeline across distributed machines with fault tolerance, retries, centralised logging, and mutual exclusion; enabled host-level pause/resume and reduced manual monitoring to zero.
- Developed a Python client for servlet-based image server integration, enabling non-browser access and reducing dependency on browser-based workflows.

Software Engineer Intern

June 2020 - June 2021

Myelin Foundry Private Limited

Remote

- Enhanced media player app and optimised cloud operations, resulting in a 40% reduction in cloud costs.
- Developed RESTful APIs with Express.js and implemented an interactive analytics dashboard using React.js.
- Resolved critical client integration issues for 5M+ active users, ensuring uninterrupted app functionality.
- Improved codebase efficiency and modularity, directly supporting and accelerating AI team development and operational workflows.
- Integrated render script flow into existing infrastructure, increasing compatibility with lower-end Snapdragon devices, and expanding device coverage by 28%.

PROJECTS

[Music player](#) Android application, Dagger Hilt, Kotlin, Firebase storage, Firestore database, MVVM

- Designed and built a feature-rich audio application utilising Exoplayer for smooth audio playback.
- Enabled seamless song management and background playback via Firebase integration.

[Hotel booking](#) ReactJs, ExpressJs, MongoDB, CSS, Bootstrap, Auth

- Engineered a hotel booking app enabling seamless hotel reservations.
- The platform leveraged MongoDB for data storage and React.js for dynamic listings.

EDUCATION

Lovely Professional University | B.Tech in Computer Science | Jalandhar

June 2021

ACHIEVEMENTS

- Insta Award (Twice), Infosys: Recognised for independently developing a diagnostics module, directly engaging with clients, and resolving complex tasks.
- Myeliner of the Month, Myelin Foundry