

# MAYUR CAARIAPPA

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## PROFESSIONAL SUMMARY

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**Software Developer** with **3+ years** of expertise in full-stack development, specializing in **MERN stack** and **Spring Boot**. Passionate about building scalable and high-performing web applications, implementing best coding practices, and collaborating with teams to deliver impactful solutions.

## SKILLS

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Languages	Java, JavaScript, TypeScript
Backend Technologies	Spring Boot, Node.js, Express, PostgreSQL, MongoDB, Redis, ES
Frontend Technologies	React.js, Thymeleaf, jQuery, AJAX
Cloud & Tools	AWS S3, Docker, Jenkins, REST, GraphQL, Postman, Git, Jest
Soft Skills	Team player, Result-oriented, Proactive execution

## PROFESSIONAL EXPERIENCE

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**Software Engineer 1** Apr 2025 – Present  
[Kaplan](#) Bangalore

**Atom Educator** — *TypeScript, GraphQL, Redis, ES* — [Link](#)

- Designed an effective **faculty experience charter** for Nursing and Healthcare professionals, boosting engagement with features like custom quiz builder, test scheduler, and reporting suite.
- Ideated and developed **Engagement Dashboard** for faculties to analyze MCAT student performance, enabling comparative insights at individual and cohort levels through KPIs, visualizations, and filtering options.
- Optimized GraphQL queries, reducing response latency from **~7s** to **~1.5s** by implementing **field-level lazy loading**, **efficient Redis caching**, and **MongoDB aggregation pipelines**.
- Engineered a high-throughput data migration pipeline to **transfer 600K+ testing sessions in <1 hour**, leveraging optimized batch processing, ensuring data integrity and consistency.

**Software Engineer** Aug 2022 - Apr 2025  
[eMudhra Limited](#) Bangalore

**emSign S/SMIME Automation Plugin** — *Node.js, Express, React.js* — [Link](#)

- Engineered an enterprise-grade plugin reducing **email security** setup time from **~30min** to **~1min**.
- Implemented auto-enrollment and silent installations resulting in **90% reduction in configuration errors**.
- **Reduced customer support tickets by 75%** through automated configuration processes.

**Instigo** — *SpringBoot, PostgreSQL, S3*

- Spearheaded development of **SEBI-compliant Digital Onboarding** and **eKYC-as-a-Service** solution, enabling seamless KYC verification and demat/trading account opening for capital market products.
- Architected and developed a BackOffice platform for CAs to process applications with seamless integrations, real-time verifications, and support multi-mode digital KYC with liveliness checks.

**Remote Signing Service** — *SpringBoot, MySQL* — [Link](#)

- Built a **cross-border digital signature platform** integrating with TSPs in India, Japan and the EU.
- Developed SDKs with seamless template personalization capabilities, enabling efficient customization and faster integration for diverse client needs.
- Significantly **boosted sales** by actively participating in backend development.

## EDUCATION

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**Bachelor of Engineering (ECE)**, *PES College of Engineering, Mandya* 2015 - 2019

**PUC (PCME)**, *Sadvidya Semi-Residential College, Mysore* 2013 - 2015