

# Kanishk M

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## PROFESSIONAL SUMMARY

Full-Stack MERN & React Native Developer with 2+ years of experience building scalable web and mobile applications in ERP and operations-driven domains. Strong expertise in React.js, React Native, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Firebase, and AWS EC2. Experienced in REST API design, real-time systems, authentication and role-based access control (RBAC), multi-environment mobile builds, CI/CD pipelines, Dockerized deployments, and performance optimization.

## TECHNICAL SKILLS

- Full-Stack Development (MERN Stack)
- React.js, React Native
- Redux, TypeScript
- Node.js, Express.js
- REST APIs, GraphQL
- MongoDB, PostgreSQL
- Prisma ORM
- Firebase (Authentication, Realtime DB, FCM)
- WebSockets
- Authentication & Authorization (RBAC)
- Multi-Environment Builds (Android & iOS)
- AWS EC2
- Docker
- CI/CD Pipelines
- Agile / Scrum Development
- Performance Optimization

## PROFESSIONAL EXPERIENCE

MERN Stack Developer + React native, Dturn IT Solutions, September 2023-Current  
Coimbatore, Tamil Nadu

### Application Development

- Developed and maintained **scalable full-stack web and mobile applications** using **React.js, React Native, Node.js, and Express.js**, supporting **1,000+ active users** across enterprise workflows.
- Built **cross-platform mobile applications** with React Native for both **Android and iOS**, using reusable and modular component architecture.

### Real-Time Features & Integrations

- Implemented **real-time functionality** including live location tracking, chat, and data synchronization using **Firebase and WebSockets**, handling **hundreds of concurrent updates** with low latency.
- Integrated **push notifications** and third-party APIs for authentication, location services, and external system communication.

### Backend, Security & Data

- Designed and implemented **RESTful APIs and GraphQL services** with **authentication, authorization, and RBAC**, ensuring secure and efficient data access.
- Designed and optimized **PostgreSQL and MongoDB schemas**, improving query performance, scalability, and data consistency.

- Reduced **API response time by ~30%** through backend query optimization and frontend rendering improvements.

### Mobile Build & Deployment

- Configured **React Native Android product flavors** for **development, staging, and production** environments, managing environment-specific API endpoints, Firebase configurations, and app identifiers.
- Deployed and maintained applications on **AWS EC2** using **Docker containers and CI/CD pipelines**, enabling **weekly production releases** with reliable rollback mechanisms.

### Collaboration & Optimization

- Applied **Redux** for state management and **TypeScript** to improve code quality and long-term maintainability.
- Worked in **Agile/Scrum environments**, collaborating with UI/UX designers, QA teams, and backend engineers throughout the software development lifecycle.
- Performed debugging, performance tuning, and production issue resolution to ensure system stability and reliability.

## KEY ACHIEVEMENTS

- Delivered **multiple production-grade full-stack web and mobile applications** using the MERN stack, from requirement analysis to deployment.
- Designed and implemented **secure REST APIs and GraphQL services** supporting scalable enterprise applications.
- Improved application performance through **measurable backend and frontend optimizations**, significantly reducing load time and latency.
- Implemented **Dockerized deployments and CI/CD pipelines** on AWS EC2 to streamline build, test, and release processes.
- Collaborated with **international clients (France & USA)** to deliver scalable, high-performance solutions aligned with business requirements.

## EDUCATION

Master of Computer Applications (MCA)  
SRM University , Chennai India January 2025 - June 2027

Bachelor of Business Administration (BBA)  
PSG College of Arts And Science, Coimbatore June 2020 - June 2023  
GPA: 85%

## LANGUAGES

Tamil:	Native	English:	B2
Native			<div><div></div></div> Upper Intermediate (B2)