

SHARATH M

sharathm5684@gmail.com | GitHub://sharathm18 | LinkedIn://sharathm18

PROFESSIONAL SUMMARY

Full Stack Engineer with 1+ years of professional experience designing, developing, and deploying scalable web applications. Strong background in React, NestJS, MongoDB, and PostgreSQL with production-level implementations across e-commerce and recruitment platforms. Skilled in modular architectures, microservices, and secure API development with JWT-based authentication and role-based access control.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript

Frontend: React.js (Hooks, Redux Toolkit, Context API), Vue.js, HTML5, CSS3

Backend & APIs: Node.js, NestJS, Express.js, RESTful APIs, JWT Authentication

Databases: MongoDB, MySQL, PostgreSQL, Prisma ORM

DevOps & Deployment: Docker, Render, Vercel, Cloudinary

Developer Tools: Git, GitHub, Postman, VS Code, PyCharm

Architecture: Microservices, Monolithic, MVC

OS: Windows, Ubuntu

WORK EXPERIENCE

EDUCATION

K.S. Institute of Technology, Bengaluru

Dec 2020 - May 2024

B.E. in Electronics and Communication Engineering

CGPA: 8.73/ 10

Relevant Coursework: Object-Oriented Programming, Databases, Data Structures & Algorithms, Operating Systems, Computer Networks, Web Technologies.

PROJECT WORK

ZenCart – Full Stack E-Commerce Platform

- Designed a scalable full-stack e-commerce application using React, NestJS, and MongoDB with microservices architecture.
- Implemented dual-role (buyer/seller) access and JWT-secured authentication for users and admin roles.
- Developed REST APIs for product, order, and user management, integrating PayPal for secure payment processing.
- Built a Vue-based admin dashboard to manage users, orders, and product analytics.
- Deployed microservices independently on Render and frontend on Vercel for scalable hosting.

Smart Recruitment Platform – Test & Proctoring System

- Engineered a modular monolithic recruitment system using React, NestJS, and PostgreSQL, supporting dynamic MCQ/coding test generation.
- Enabled RBAC for Admin, TA, and Manager roles; supported real-time proctoring with tab switch detection, webcam checks, and violation logging.

- Developed autosave-enabled test flow with token-based access and resume capability for interrupted attempts.
- Integrated coding problem execution with backend language support for JS, Python, Java, and .NET.
- Built a post-test dashboard for applicant score tracking and audit logging.

Contact Management SPA – Frontend Developer

- Developed a contact management application using React and Firebase with full CRUD capabilities and pagination.
- Integrated JWT-based authentication and protected routes using React Router.
- Used Redux for scalable state management and Axios for API communication.
- Implemented dark/light theme toggle, custom 404 page, and enhanced loading states.

CERTIFICATIONS
