

# MRUTHUNJAY P N

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## SUMMARY

Full-stack developer with 2 years of hands-on experience building scalable web applications using the MERN stack , Nextjs and PostgreSQL. Proficient in crafting intuitive frontends and robust backend APIs with a focus on performance and maintainability. Skilled in working within agile teams to build and deliver complete, user-focused solutions across various domains.

## EXPERIENCE

### Software developer

#### Proxytem

Aug 2022 – May 2025

- Developed and maintained responsive web applications ensuring performance and scalability.
- Assessed and implemented RESTful APIs and integrated third-party services to support seamless frontend-backend communication.
- Refined database schemas, wrote efficient queries, and ensured data integrity across both MongoDB and PostgreSQL environments.
- Spearheaded complex component development in React.js for a multi-module project, reducing rendering time by 40% through code optimization and state management techniques.
- Set up CI/CD pipelines using GitHub Actions and Docker to automate testing, builds, and deployments enhancing release efficiency and reliability.
- Led feature development cycles from wireframing to deployment, collaborating closely with UI/UX designers, QA, and product teams.

### Intern

#### Entelika

December 2021 – January 2022

- Gained hands-on experience with Python, NumPy, and data manipulation techniques.
- Built foundational knowledge in machine learning concepts and real-world applications by developing and testing algorithms.

## PROJECTS

### MindBlogging

<https://mindblogging.vercel.app/>

- Tech Stack : React, Node.js, Express, TypeScript, and PostgreSQL
- Integrated JWT-based authentication and role-based access, enhancing platform security and reducing unauthorized access incidents by 95%.
- Redesigned RESTful APIs and restructured SQL queries, improving data retrieval performance by 40% and reducing API response times under 200ms.
- Initiated modular code structure and reusable components, reducing frontend development time for new features by 30%.
- Deployed the application using Docker, GitHub Actions for CI/CD, automating build and deployment processes.

### Dr.Bean Coffee House

<https://dr-bean-coffee.vercel.app/>

- Designed and developed Dr. Bean Coffee, a visually engaging, responsive frontend for a premium coffee brand using React, TypeScript, and Tailwind CSS.
- Leveraged Framer Motion to craft smooth, interactive animations, enhancing user engagement and improving average session duration by 35%.
- Optimized image delivery and lazy-loaded content to improve initial load time by 45%, ensuring a seamless experience on both mobile and desktop.

## EDUCATION

### Bachelor of Engineering

#### The National Institute of Engineering , Mysuru.

CGPA:8.2 , 2022

- Coursework: Database management systems, computer networks , discrete mathematics, data structures and algorithms, , data analytics, OOP

## CERTIFICATIONS

- NPTEL Certification in ‘The Joy of Computing Using Python’
- NPTEL Certification in ‘Social Networks’

## SKILLS

Languages: JavaScript, TypeScript , HTML , CSS , C++ , Python

- Technologies & Tools : Git & GitHub, Postman
- Front-end : Next.js, React.js , Recoil, Redux , Tailwind CSS
- Back-end & Databases : Node.js , Express.js , Prisma , PostgreSQL , MongoDB , MySQL
- Devops & Cloud : AWS , Cloudflare , Docker, Kubernetes, GitHub Actions, Terraform, Helm
- Monitoring & Logging: Prometheus, Grafana, CloudWatch