SNEHA KOSHTA *MERN Stack Developer*

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PROFESSIONAL SUMMARY

- Senior MERN Stack Engineer with **1 years of experience** in architecting, developing, and deploying **scalable, high-performance web applications**
- Strong expertise in **React.js, Node.js, Express.js, and MongoDB** for end-to-end full-stack development
- Proven ability to design **clean, modular, and maintainable architectures** following industry best practices
- Extensive experience in building **secure RESTful APIs**, authentication, and authorization mechanisms
- Skilled in **performance optimization**, database query tuning, and improving application response times
- Hands-on experience in delivering **production-ready solutions** for both **enterprise and startup environments**
- Effective collaborator with **cross-functional teams** including product, design, and QA
- Demonstrated capability to **lead modules end-to-end**, from requirement analysis to deployment and maintenance

EXPERIENCE

06/2023 – Present

ADRS Technosoft Pvt. Ltd., *MERN Stack Developer*
- Designed and delivered multiple enterprise-grade MERN applications handling high user traffic
- Led frontend architecture using React, Redux Toolkit, and reusable component patterns
- Built secure, scalable REST APIs using Node.js & Express
- Improved application performance by **40%** through API optimization, caching, and database indexing
- Integrated third-party services (payment gateways, maps, authentication services)
- Conducted code reviews and mentored junior engineers to ensure code quality and best practices
- Collaborated with product managers and UI/UX teams to deliver business-aligned solutions

03/2019 – 06/2021

Skill Enhanced, *Web Developer*
- Developed responsive, production-ready React applications
- Implemented backend services using Node.js, Express, MongoDB
- Designed authentication, authorization, and role-based access control
- Reduced API latency by **30%** through query optimization and efficient data handling
- Actively participated in Agile ceremonies including sprint planning and retrospectives

08/2021 – 01/2022

Freelance, *Junior Full Stack Developer*
- Built full-stack web solutions for early-stage startups
- Implemented UI components and backend APIs
- Gained strong hands-on exposure to end-to-end product development

EDUCATION

2022 – 2026

B.Tech in Computer Science Engineering, *Shri Ram Institute of Science and Technology*
CGPA: 8.7/10

Senior Secondary (XII), MP Board, *Shri Guru Nanak Girls H.Sc. School*
– 88% Secondary (X), MP Board – 90%

TECHNICAL SKILLS

Frontend Engineering
- React.js, Redux Toolkit, Context API
- JavaScript (ES6+), TypeScript
- Next.js, HTML5, CSS3, Tailwind CSS
- Component-driven & responsive UI design

DevOps & Tooling
- Git, GitHub, Docker
- AWS (EC2, S3 – working knowledge)
- CI/CD basics, Postman, VS Code, Jira

Backend Engineering
- Node.js, Express.js
- RESTful API design & integration
- JWT, OAuth-based authentication
- Microservices & scalable backend architecture

Databases & Storage
- MongoDB, MySQL, PostgreSQL
- Schema design, indexing, query optimization

PROJECTS

1.Food Saver Platform – Real-Time Food Redistribution System (MERN Stack), Live

 Technology: *React.js, Node.js, Express.js, MongoDB, Firebase, Google Maps API*
- Designed and developed a scalable real-time food redistribution platform connecting donors and receivers based on location
- Built responsive React interfaces with optimized state management for real-time updates
- Implemented secure authentication and role-based access control for multiple user types

2.AgroTech Crop Recommendation System Live
Technology *:Node.js, Python, Flask, MongoDB, Machine Learning, Weather APIs,React.js*
- Built a data-driven crop recommendation system using machine learning models
- Integrated real-time weather data through third-party APIs
- Designed REST APIs to serve ML predictions to frontend applications
- Optimized backend workflows and database interactions, reducing response time by **30%**

3. Recruitment Chatbot Live
 Technology:*Node.js, Python, Flask, MongoDB, Machine Learning*
Developed a Recruitment Chatbot to automate the hiring process by interacting with candidates, answering job-related queries, and collecting applicant details.
- Automated candidate interaction
- Job role–based screening questions
- Candidate details collection (name, skills, experience)
- FAQ handling related to job openings

CERTIFICATIONS

BSNL & Nokia Industrial Training
(4G/5G, RF Planning)

Cisco CCNA
Cybersecurity, Packet Tracer

Machine Learning
— ISRO., Infosys: C++, Java, SQL

ACHIEVEMENTS

DRDO Internship, *Machine Learning Researcher*

Winner, *College Hackathon*
- 1st Prize
Gold Badge in SQL, *HackerRank*

Solved 350+ DSA problems, *LeetCode*