

# NANDANA SURESH S S

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## EDUCATION

*LBS Institute of Technology for Women, Poojappura*

B.Tech in Information Technology  
2020 – 2024

## TECHNICAL SKILLS

Front-End: HTML, CSS, JavaScript, React.js

Back-End: Node.js, Python, Java

Databases: MySQL, MongoDB

Tools & Technologies: Git, REST APIs

## LANGUAGE

English	Proficient
Malayalam	Native

## SUMMARY

B.Tech graduate in Information Technology with hands-on experience in MERN stack development and web design. Passionate about building efficient full-stack applications and eager to develop high-performance solutions in a professional environment

## INTERNSHIP EXPERIENCE

### MERN STACK DEVELOPMENT INTERN

Srishti Innovative Computer Systems Pvt. Ltd., Trivandrum  
(07/2024 – 01/2025)

Developed and deployed full-stack web development using MongoDB, Express.js, React.js, and Node.js.

Developed and optimized scalable web applications and REST APIs.

### WEB DESIGNING INTERN

Srishti Innovative Computer Systems Pvt. Ltd., Trivandrum  
(05/2023)

Designed user-friendly UI designs using HTML, CSS, and JavaScript.

Implemented UI/UX design principles for enhanced user experience.

### REACT.JS TRAINEE

Srishti Innovative Computer Systems Pvt. Ltd., Trivandrum  
(05/2025 – present)

- Developing and maintaining full-stack web applications using React.js for the frontend and Node.js (Express.js) for the backend.
- Built and optimized responsive UI components to enhance usability and performance.
- Designed and implemented RESTful APIs for smooth client-server communication.
- Collaborating with team members in an on-site, 5-day/week environment to deliver scalable and efficient solutions.
- Gaining hands-on experience in MERN stack development, contributing to both frontend and backend modules.

## TECHNICAL SKILLS

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- Public Relations
- Teamwork
- Quick Learning
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

## TOOLS AND TECHNOLOGIES

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- Microsoft Excel
- Microsoft Word
- Microsoft PowerPoint
- Google Docs
- Visual Studio
- Google Meet
- Google Sheets
- Postman
- GitHub

## PROJECTS

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### Student Management System

- Developed a Java-based application integrated with MySQL to efficiently manage and store student records.
- Technologies Used: Java, MySQL

### Sign Language Recognition

- Implemented a Python-based machine learning model to recognize and classify sign language gestures for improved accessibility.
- Technologies Used: Python, Machine Learning

### Question Answer Generation using T5

- Built a question-answering system leveraging the T5 Transformer model, integrated with an interactive web interface using HTML, CSS, and Python.
- Technologies Used: Python, T5 Transformer, HTML, CSS

## EXPERTISE

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- JavaScript & ES6+: Strong understanding of fundamentals, ES6+ features, asynchronous programming, DOM manipulation, event handling, and modern frameworks.
- Frontend Development: Proficient in React.js, React Hooks, Context API, Bootstrap, and Tailwind CSS for dynamic, responsive UIs.
- Backend Development: Skilled in Node.js and Express.js for scalable backend services and RESTful API development.
- Database Management: Expertise in MongoDB (schema design, indexing, query optimization).
- Version Control & Collaboration: Proficient in Git/GitHub (repositories, pull requests, code reviews).
- Agile Development & Project Management: Experience in Agile practices (scrum, sprint planning, retrospectives) with tools like Jira, Trello, Asana.
- Team Collaboration: Ability to work with designers, developers, and stakeholders to build scalable applications.