Samarth Kalshetti

B.E. Electronics & Telecommunication — 2027 Batch

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Summary

Electronics and Telecommunication Engineering student with hands-on experience in MERN stack development, RESTful API design, and Data Structures & Algorithms. Skilled in building scalable full-stack web applications with secure authentication, responsive UI, and clean backend architecture.

Technical Skills

Programming Languages: Java, JavaScript, HTML5, CSS3

Web Technologies: React.js, Node.js, Express.js, REST APIs, MVC Architecture, JWT Authentication

Databases: MongoDB, SQL

Tools & Platforms: Git, GitHub, VS Code

Core Computer Science: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Training / Internship

MERN Stack Web Development Trainee (Online) *Dec 2025 – Feb 2026*

Technologies: MongoDB, Express.js, React.js, Node.js, Git

– Completed an intensive full-stack MERN training program focused on building scalable and secure web applications.
– Built RESTful backend services using Node.js and Express.js with structured MVC architecture and MongoDB integration.
– Developed a fully functional Music Player web application implementing play/pause, volume control, shuffle, repeat, and playlist management features.
– Implemented authentication, authorization, and complete CRUD operations with secure database handling.
– Applied industry-standard development practices including modular code structure, Git-based version control, and responsive UI design.

Projects

Project Management System *Nov 2025 – Jan 2026*

Technologies: React.js, Node.js, Express.js, MongoDB, Redux

– Designed and developed a scalable full-stack web application to manage projects, users, and tasks efficiently.
– Implemented secure role-based access control (Admin, Supervisor, Student) with protected routes.
– Built dynamic dashboards with real-time task tracking and centralized state management using Redux.
– Developed RESTful APIs following MVC architecture and optimized MongoDB schemas for efficient data handling.
– Integrated authentication and authorization mechanisms to ensure secure user management.

Wanderlust – Full-Stack Travel & Stay Booking Platform *Aug 2025 – Oct 2025*

Technologies: MongoDB, Express.js, Node.js, EJS, Bootstrap, Mapbox, Cloudinary

– Engineered a full-stack travel and accommodation booking platform inspired by Airbnb with complete CRUD functionality.
– Implemented secure session-based authentication using Passport.js and Express-session.
– Designed modular RESTful APIs following MVC architecture for maintainable backend structure.
– Integrated Cloudinary for cloud image storage and Mapbox for interactive geolocation visualization.
– Deployed the application with environment-based configuration, input validation, and centralized error handling.

Education

Bachelor of Engineering (Electronics & Telecommunication) *Graduation: 2027*

Dr. D.Y. Patil Institute of Technology, Pimpri   *CGPA: 8.43 / 10*