

# SRAVAN UDUTHA

Senior MERN Stack Developer

Location	Phone	Email
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## Summary

A highly accomplished **Senior MERN Stack Developer** with over 8 years of experience designing and deploying scalable, high-performance web applications. Expertise is centered on the **MERN ecosystem (MongoDB, Express.js, React.js, Node.js)**, leveraging strong architectural design and hands-on coding skills for both complex backend systems (REST APIs, microservices) and modern, optimized user interfaces. Proven ability to lead technical initiatives, provide architectural consultation, and deliver robust end-to-end solutions in fast-paced startup and corporate environments.

## Technical Skills

### MERN Stack Core

- **Frontend:** React.js, Redux, Context API, Modern JavaScript/ES6+, Front-end Performance Optimization
- **Backend:** Node.js, Express.js, RESTful APIs, Microservices, Event-Driven Architecture, NestJS (Secondary Framework)
- **Database:** MongoDB (Mongoose, Aggregation Framework), Firebase Firestore

### Languages & Tools

- **Languages:** JavaScript, TypeScript
- **Cloud & DevOps:** AWS (ECS, Lambda, S3, API Gateway, CloudWatch), CI/CD, Docker, Git, CLI
- **Methodologies:** Agile (Scrum/Kanban), Scalable Architecture Design, Performance Tuning, Debugging

## Professional Experience

### 1. Atal Incubation Centre - CCMB

**Senior Node.js Developer & Technical Incubation Lead** | Hyderabad, India May 2024 – Present (1 year)

- **MERN Architecture Consulting:** Provided hands-on architectural design and coding best practices for secure and scalable backend services, leveraging **Node.js/Express.js** for complex, enterprise-level applications.
- **React.js & State Management:** Guided startups on efficient component design, state management, and performance optimization within their **React.js** frontend applications, ensuring seamless integration with robust Node.js backends.
- **Healthcare Technology Guidance:** Advised on optimal technology stacks, specifically focusing on EHR/EMR integration and compliance with healthcare data handling standards (e.g., HL7, FHIR, HIPAA).
- **Cloud Infrastructure Strategy:** Provided strategic technical guidance on cloud infrastructure, including hands-on application of **AWS services** (ECS, Lambda) for scalable deployments and secure data storage.

## 2. HCL Tech

**Technical Lead** | Greater Bengaluru Area October 2023 – May 2024 (8 months)

- **Backend & API Development Leadership:** Led end-to-end backend projects, utilizing **Node.js** to architect highly performant, reliable, and maintainable RESTful services and microservices.
- **React.js Integration & API Contracts:** Worked closely with frontend teams to define precise API contracts, ensuring optimal data consumption and high performance for large-scale enterprise applications built using **React.js**.
- **Performance Optimization:** Designed and optimized core backend services, focusing on performance, reliability, and seamless hardware-software integration.
- **Cross-Functional Coordination:** Coordinated engineering teams, resolving complex technical issues related to backend services, databases, and application software.

## 3. Thotaka Technologies India (P) Ltd

**Independent Consultant (Backend & Firmware)** | Hyderabad, India November 2022 – November 2023 (1 year 1 month)

- **Backend API Development:** Managed and executed multiple backend projects with a strong focus on **Node.js** for scalable and efficient API development and data handling.
- **Internal React Dashboard:** Designed and implemented a dedicated **React.js**-based internal dashboard for real-time visualization and monitoring of structural health data, providing critical, low-latency insights.
- **Database Design:** Developed backend systems for structural health monitoring applications, defining and implementing data models using **MongoDB** for real-time data acquisition and processing.

## 4. Indian Institute of Technology, Hyderabad

**Health Care Entrepreneurship Research Fellow - IIT HYD | Hyderabad, India** *August 2021 – November 2022 (1 year 4 months)*

- **Rapid React Prototyping (R&D):** Developed several rapid proof-of-concept prototypes and data visualization tools using **React.js** to present complex research findings and test user interfaces for new healthcare solutions.
- **Backend Prototyping:** Swiftly prototyped technical solutions for unmet healthcare needs, often involving **Node.js** backend services and data analytics concepts.

## 5. Agility

**Web Application Developer | Hyderabad, India** *June 2015 – December 2016 (1 year 7 months)*

- **MERN Stack Mastery:** Demonstrated expertise in the **MERN (MongoDB, Express.js, React.js, Node.js) stack**, contributing to the development of robust, scalable, and high-performance web applications.
- **API and AJAX Proficiency:** Skillfully worked on designing and consuming REST APIs and implementing AJAX for asynchronous data communication.

## Education

- **University of Hyderabad** – Master's degree, Electrical, Electronics and Communications Engineering
- **Anurag Group of Institutions** – Bachelor of Technology - BTech, Electrical, Electronics and Communications Engineering