

# THOLETI RATNAMANI

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**JOB OBJECTIVE:** To leverage my full-stack development skills and software engineering knowledge to contribute effectively to a progressive organization while continuously enhancing my technical expertise.

## TECHNICAL SKILLS :

**Programming Languages:** C, Python, Java, JavaScript  
**Frontend:** HTML, CSS, React.js  
**Backend:** Node.js, Express.js, Moleculer.js  
**Databases:** MySQL, MongoDB  
**Cloud & DevOps:** AWS (basic deployments)  
**Automation & Tools:** Git, GitHub, VS Code, n8n  
**Security & Auth:** Cybersecurity fundamentals, TOTP handling, Supertokens  
**3D/Web Graphics:** Basic React Three Fiber (R3F)  
**Soft Skills:** Active Listening, Time Management, Observation

## PROJECTS :

### DSAS: Data Sharing and Authorized Searchable Framework for E-Healthcare System

**Role:** Developer/Researcher  
**Duration:** February 2024-May 2024  
**Project Description:**  
Developed a secure proxy searchable re-encryption scheme for encrypted Personal Health Records (PHRs). Enabled secure sharing of medical data between patients and healthcare providers. Improved search efficiency over encrypted datasets. Supported remote patient monitoring scenarios.  
**Technical Stack:**  
**Tech Stack:** Java, MySQL, Apache Tomcat  
**URL:** [DSAS.mp4](https://dsas.mp4) - Google Drive

## EXPERIENCE :

### AURM— Junior Software Engineer

January 2026 - PRESENT - Bangalore

Developed and maintained community locker management solutions using the MERN stack. Built scalable microservices with Moleculer.js and Node.js and implemented secure authentication using TOTP and Supertokens. Worked on Easebuzz payment integration, Novu notification workflows, and Meilisearch-based search features. Also contributed to automation using n8n, supported AWS deployments, and built interactive components with React Three Fiber (R3F) while collaborating in an agile team environment.

### AURM — Technology Intern

January 2026 - PRESENT - Bangalore

### INTERNHUB-A FULL STACK PROJECT ON INTERN MANAGEMENT USING MERN STACK (ValorSolutions)

**Role:** Developer/intern  
**Duration:** [August 2024-Present]  
**Project Description:**  
Developed interHub, a web application Built a full-stack web application for intern lifecycle management. Implemented REST APIs for CRUD operations. Added performance tracking, task assignment, and feedback modules. Designed scalable MongoDB schema.  
**Tech Stack:** React, Node.js, Express, MongoDB  
**URL:** <https://intern-hub-rouge.vercel.app/>

### VISUALIZATION DASHBOARD - A FULL STACK PROJECT OF DATA VISUALIZATION DASHBOARD USING MERN STACK (BlackOffer)

**Role:** Developer/intern  
**Duration:** [August 2024-Present]  
**Project Description:**  
Built an interactive energy data visualization platform. Implemented advanced filtering by year, country, and topic. Integrated Chart.js and D3.js for dynamic visual insights. Designed responsive and user-friendly UI.  
**Tech Stack:** React, Node.js, Express, MongoDB, Chart.js, D3.js

## EDUCATION :

**B.Tech** in Computer and Science Engineering  
**Swarnandhra College of Engineering and Technology,**  
Seetharampuram.  
CGPA: 9.1

2024

**Intermediate - MPC**  
**Sri Gowtami Junior College,**  
Narsapur.  
Percentage: 95.4%

2020

**SSC**  
Sri Gowtami Foundation School,  
Narsapur  
CGPA: 9.2

2018