# SAI TEJAS REPALA

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## EDUCATION

**B Tech in Information Technology**, Manipal Institute of Technology Bangalore — August 2023-May 2027
CGPA: 8.22

**Intermediate,** Sri Chaitanya Kalashala — June 2021-April-2023
PERCENTAGE: 93

**High School**, Bharatiya Vidya Bhavan's — June 2019 -April 2021
PERCENTAGE: 87.6

## SKILLS

**Programming**: Java, C, Python, HTML & CSS, JavaScript, SQL, React, Nodejs
**Operating Systems**: Windows 11
**Developer Tools:** VS Code, Eclipse, Code Blocks, Oracle, MySQL
**Field of Interest:** Data Structures and Algorithms, Full Stack development, Web development

## EXPERIENCE

**Software Development Intern**
Ada Insis | Hyderabad, India — June 2025-July 2025

- Designed and developed real-world web applications using React.js, with a strong emphasis on building admin dashboards, interactive data tables, and dynamic user interfaces tailored for efficiency and usability.
- Created functional modules including a voter management system and an electricity bill tracking dashboard, demonstrating the ability to plan, build, and deploy end-to-end solutions.
- Acquired practical experience in version control systems (Git/GitHub), API testing and integration, and performed debugging and issue resolution in a simulated production environment, enhancing code quality and stability.

## PROJECTS

**Online Voting System** | React, Nodejs, Express, MySQL

- Online Voting System is a secure, web-based application that enables users to cast votes electronically in a transparent and efficient manner.
- The system includes role-based access for admins and voters, secure authentication, and real-time vote counting.
- The system was developed to simplify the voting process, increase voter participation, and enhance the transparency and integrity of election results.

**Hostel Electricity Bill Management** | React, JavaScript, HTML, CSS

- Developed a high-performance React + Vite frontend for utility management, optimizing the rendering of large datasets via interactive data grids with real-time search, multi-faceted filtering, and pagination for low-latency navigation.
- Designed a modular component system to visualize consumption trends and billing history, streamlining warden administrative workflows through reusable UI patterns and responsive design.
- Implemented protected routes and role-based access control to strictly segregate student views from admin modules

## ADDITIONAL INFORMATION

- Languages: English, Telugu, Hindi.
- Certifications: Programming for Everybody (Getting Started with Python), Generative AI: Introduction and Applications.
- Co-curriculars:

  -Secured gold medal in Intercollegiate Volleyball tournament as a key team member, demonstrating strong teamwork, strategy, and competitive spirit.
  -Participated in ACM Hackathon – Successfully participated in a 24-hour hackathon organized by the ACM club.