

Sasidhar Pinjala

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EXPERIENCE

T-Machine Software Solutions

June 2024 – Present

Associate Software Engineer

Chennai, India

- Contributed to the development of an AI-driven platform aimed at automating enterprise workflows.
- Designed and implemented responsive, accessible, and modular UI components using React.
- Integrated RESTful Spring Boot APIs with backend team for seamless performance.
- Reviewed code, optimized performance, and debugged issues to ensure application reliability.

EDUCATION

Bapatla Enginnering College

Bapatla, Andhra Pradesh

B.Tech - Information Technology

Jun. 2020 – Apr 2024

PROJECTS

Live Chat Application | *MongoDB, Express.js, React, Node.js* | [Live Demo](#)

May 2025

- Built live chat app using MERN stack and Socket.io library.
- Enabled user registration, login, and live chatting between authenticated users.
- Used MongoDB to store messages and manage user chat histories.
- Handled real-time communication using WebSockets powered by Socket.io backend.

Online Python Compiler | *Express.js, React, Node.js, Socket.io* | [Live Demo](#)

May 2025

- Built a full-stack online Python compiler using the MERN stack.
- Used Monaco Editor for coding interface and Xterm.js for terminal.
- Enabled live code execution with real-time input/output via WebSocket.
- Used child processes in Node.js to execute user Python code.

Resource Management System | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB*

Jan 2024

- Built a classroom management system to optimize educational resource allocation.
- Tracked room occupancy, desk usage, and computer availability in real time.
- Used MongoDB to store usage data and update resource status dynamically.
- Designed an intuitive UI using React and styled with Tailwind CSS.

InternalsCalci | *Java, XML, Android Studio*

Mar 2022

- Developed an Android app to calculate internal marks for students.
- Allowed users to enter scores and view final internal results.
- Designed a user-friendly mobile interface with clean input structure.
- Improved academic productivity by automating internal mark calculations.

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Java, Python, C/C++, SQL (Postgres)

Frameworks: React, SpringBoot Node.js, WordPress, Material-UI, Tailwind CSS

Developer Tools: Figma, Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

ACHIEVEMENTS

- Achieved Five-Star Python Coder status on HackerRank coding challenge platform.
- Earned Golden Badge in Internshala Web Development Training certification course.