

# Sai Jayanth

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Portfolio: <https://pjayanth2006.github.io/portfolio-new/>

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## SKILLS

- **Languages:** C++, JavaScript, C, PHP, Python, Java
- **Frameworks:** HTML and CSS, NodeJS, React Js
- **Tools/Platforms:** MySQL, MongoDB, Git
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

## INTERNSHIP

### InternsVeda - Edu Tech Private Limited

- **Full Stack Development Intern**
  - **About :** Developed a full-stack blog writing platform using React.js, enabling users to securely sign up, publish rich-text content, and manage personalized profiles.
  - Optimized backend API performance using Node.js/Express.js, successfully reducing server response time by 30% and improving the end-to-end user experience during high-traffic periods.
  - Implemented robust data management and authentication systems using MongoDB and MySQL, ensuring secure handling of user credentials and blog entries.
  - **Tech Stack Used :** React.js, Node.js, Express.js, MongoDB, MySQL, HTML, CSS

## PROJECTS

- **Tourism Management System | React, PHP, My Sql, Tailwind CSS .** Feb 2025 - Apr 2025
  - Enhanced a full-stack travel booking platform using React.js and PHP, featuring a responsive user interface styled with Tailwind CSS for seamless navigation across devices.
  - Designed a relational database schema using MySQL to efficiently store and retrieve travel package details, user bookings, and categorization data.
  - Implemented essential user features including secure registration, login functionality, and category-based filtering (e.g., adventure, leisure) to streamline the booking process.
- **Melody Heaven | React/Next, Node, MongoDB** Jun 2025 - Jul 2025
  - Expanded a responsive Single Page Application (SPA) using React.js, creating a user-friendly interface for browsing and streaming music tracks.
  - Built a RESTful backend API with Node.js and Express to handle data communication between the frontend and a MongoDB database for song storage and retrieval.
  - Implemented essential features including user login, keyword-based search, and playlist creation (CRUD operations) to enable a personalized user experience.
- **AI DIY Home Repair Guide | AI, LLM | HTML, React** Feb 2025 - Jun 2025
  - Implements an AI-driven assistance system that generates step-by-step workflows for common home repair and maintenance tasks using natural language processing.
  - Utilizes LLM-based reasoning to provide troubleshooting guidance, safety protocols, material requirements, and procedural best practices.
  - Offers an interactive web interface deployed on Vercel, enabling real-time query handling, contextual responses, and an optimized user experience for DIY repair support.

## CERTIFICATIONS

- Networking Professional | Oracle | <https://www.oracle.com/in/education/certification/> Oct 2025 - Oct 2025
- AI Foundations Associate | Oracle | <https://www.oracle.com/in/education/certification/> Oct 2025 - Nov2025
- Cloud Computing | Nptel | <https://nptel.ac.in/> Jan 2025 - Apr 2025
- Mern Full Stack Development | Gokboru Pvt Ltd | <https://gokboru.in/> Jun 2025 - Jul 2025

## EDUCATION

- **Lovely Professional University** Jalandhar, Punjab  
Bachelor of Technology  
Computer Science and Technology; **CGPA: 7.30** Aug 2023 - Present
- **Ascent Institutions** Visakhapatnam, Andhra Pradesh  
Intermediate, **Percentage: 90%** Aug 2021 - Jul 2023
- **Sri Chaintanya** Visakhapatnam, Andhra Pradesh  
Matriculation, **Percentage: 86%** jul 2020 - july 2021