

Parasa Balaji Sri Ram

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SKILLS

- **Languages:** Python, C, C++, Java, JavaScript
- **Frameworks:** HTML, CSS, Tailwind CSS, Node.js, React.js, Flask
- **Tools/Platforms:** MySQL, MongoDB, VS Code, Git, GitHub
- **Soft Skills:** Effective Communication, Problem-Solving, Consistency, Adaptability

PROJECTS

BYOD – Bring Your Own Device & Classroom Device Management: | [GitHub](#)

April 2025

- Developed a secure web-based BYOD management system for classrooms to monitor and control student devices in real time
- Implemented centralized dashboards for teachers, real-time activity tracking, and flexible security policy settings to enhance digital classroom safety
- Delivered a 75% boost in classroom device oversight by implementing efficient data processing, smarter activity-tracking workflows, and performance-optimized backend logic
- **Tech:** HTML, CSS, Tailwind CSS, JavaScript, PHP, MySQL

Smart Parking Management System: | [GitHub](#)

October 2025

- Built an advanced web-based parking system enabling users to book slots, make secure payments, and access QR-based entry passes
- Improved interactive user and admin dashboards for managing bookings, users, payments, and real-time parking availability
- Enhanced system efficiency by achieving 80% accuracy in slot allocation, payment transaction reliability, and live booking status validation through performance-tuned processing
- **Tech:** Python Flask, HTML, CSS, JavaScript, SQLite, QR Code Generation

TRAINING

Front-End Web Development – Summer Training (Gokboru Tech Pvt. Ltd.)

June 2025

- Completed an intensive 6-week training covering React.js, HTML, CSS, JavaScript, responsive design, and modern front-end frameworks
- Created a Task Manager web application to add, edit, update, and delete tasks, improving task organization efficiency
- Designed a responsive and clean user interface compatible with mobile and desktop layouts
- Applied key JavaScript DOM techniques for dynamic task rendering and user input handling
- Strengthened practical skills through industry-aligned coding practices and real-time assignments

CERTIFICATIONS

- Front-End Web Development – (Gokboru Tech Pvt Ltd) June 2025
- Prompt Engineering – (Infosys) August 2025
- Cloud Computing – (NPTEL) January 2025 - April 2025
- Responsive Web Designing – (freeCodeCamp) November 2025

ACHIEVEMENTS

- Secured a Top 10 position in an NLP Workshop for developing an innovative Text-to-Speech system
- Solved 60+ DSA problems on LeetCode to improve algorithmic thinking
- Received a Research Incentive for a university-approved patent titled “Smart Blind Shoe with Integrated Headband” (2024)

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.09** August 2023 - Present
- **Aditya Junior College** Narsapur, Andhra Pradesh
Intermediate; **Percentage: 92** April 2021 - March 2023
- **Aditya School** Narsapur, Andhra Pradesh
Matriculation; **Percentage: 90** April 2020 - March 2021