

Rogul Jayaraman

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Career Statement

I am a final year Electronics and Communication Engineering student at Sri Krishna College of Engineering and Technology, Coimbatore, with a strong foundation in Embedded Systems, IOT, Programming, Web Development, and Web Design. My strengths include Problem-Solving, Adaptability, Proactive Learning, Teamwork, and Leadership. I am seeking an entry-level opportunity to apply my skills and knowledge in developing innovative projects.

Academic Credentials

- **Bachelor of Engineering**
Major in Electronics and Communication Engineering.
Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu.
CGPA: 8.20
- **Higher Secondary School**
Kongu Matric Hr Sec School, Namakkal, Tamil Nadu.
Percentage: 95.16%
- **Secondary School**
Kalaimagal Matric Hr Sec School, Namakkal, Tamil Nadu.
Percentage: 74%

Skills

- **Programming Languages** : Java, C++, Python (Basics), Java Script
- **Web Development** : HTML, CSS, MERN Stack, Next.js, Responsive Web Design
- **Database Management** : SQL, Mongo DB, Prisma (Beginner).
- **Tools and Software's** : Visual Studio Code, Git & GitHub, Vercel.
- **Other Skills** : PC Building, Troubleshooting, Problem Solving,

Projects

1. **Schedulla: Schedule Your Meetings** - *Next.js, Shadcn, Postgress, Clerk, NeonDB, Tailwind CSS, Git.*
Developed a full-stack web app for task scheduling and meeting management featuring a responsive ShadCN UI, secure Clerk-based authentication, and multi-user support. Users can create and book meetings with others and mark them on Google Calendar.
2. **Kanban Board for Task Management** - *MongoDB, Express.js, React.js, Node.js (MERN Stack), Git*
Developed a full-stack web application to manage tasks across multiple projects. Implemented user authentication, task categorization into "To-Do," "In Progress," and "Completed," with a responsive and user-friendly interface.
3. **Dynamic Invoice Generator** - *HTML, CSS, JavaScript, Git*
Built a responsive and user-friendly invoice generator web application that allows users to dynamically add billing rows, calculate subtotals, taxes, and grand total in real time.
4. **Smart Irrigation Management System** - *Embedded C, Arduino IDE, Node MCU, ESP32-Camera*
Designed an IoT-based irrigation system that monitors soil moisture and automates water supply, optimizing resource use and supporting sustainable farming.

Internship Experience

- **Full Stack Developer Intern** | **Rampex Technologies** | *September, 2024 - December, 2024*
Contributed to the development of the official Rampex website by designing and implementing responsive layouts using HTML, CSS, JavaScript, and React.js. Emphasized clean visual aesthetics, smooth navigation, and mobile responsiveness to enhance the overall user experience
- **Embedded Systems Intern** | **Zero Value Info Tech** | *June, 2024 - July, 2024*
Gained practical knowledge in embedded systems, including hardware interfacing and microcontroller programming. Developed basic projects using sensors, microcontrollers, and communication modules. Strengthened skills in circuit design, embedded C programming, and system integration.

Achievements

- Runner-up - **PC Building** at CRYPTERA 2025, Coimbatore Institute of Technology - Feb 21, 2025.
- Winner - **Product Expo** at BIT V-PRAYUKTI'25, Bannari Amman Institute of Technology - Feb 8, 2025.