

Chinnapareddy Prashanth Reddy

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Enthusiastic Graduate with strong foundation in Programming, Verilog, Web development, and data analytics. Possesses a solid understanding of digital design and simulation. Demonstrates strong problem-solving abilities and technical adaptability. Eager to showcase my analytic and problem-solving skills, while gaining hands-on experience in a dynamic and collaborative environment.

Skills

- ✓ **Programming Languages :**
Proficient in C, Python, & Verilog.
- ✓ **Tools & Technologies :**
Xilinx, Linux, Cadence, Git, GitHub.
- ✓ **Digital Design & Verification:**
Strong knowledge in Digital electronics. Skilled in RTL & gate-level simulations; have a practical experience in writing test benches and debugging.
- ✓ **Embedded Systems :** 8086 and 8051, Basics of RTOs, Arduino, Raspberry Pi,
- ✓ **Web Development:** HTML, CSS, Bootstrap, JavaScript, React, Node JS
- ✓ **Databases :** SQL, MongoDB.
- ✓ **Data Analysis:** Data analysis, data visualization.

Education

B.Tech, in Electronics & Communication Engineering,

Vignana Bharathi Institute of Technology,
Ghatkesar, Hyderabad. { 2020 – 2024 }
CGPA – 8.54

Intermediate(Class 12th) MPC,
Govt. Junior College, Prakasam Dist.
CGPA – 9.40 { 2017 – 2019 }.

Class 10th SSC ,
St. Ann's High School, Medchal,
Hyderabad. |CGPA – 9.3 { 2017 }.

Languages Known

• English • Hindi • Telugu.

Experience

- **Full-Stack Web Development Internship :**
Krutanic Solutions | Sep – Nov 2024
Developed and maintained front-end and back-end features for web applications, improving site loading speed by 20% and contributing to a 15% increase in user engagement.

Projects

Smart Trolly | IoT | Python | SQL

- Developed an embedded device to reduce waiting time in queue lines at shopping malls, by enabling direct billing at the trolley.
- Designed & implemented hardware with **Raspberry Pi**. Programmed barcode scanner for item identification and price retrieval using **Python** and **MySQL** is used to store the data .

NexaCart E-commerce Website

Built a full-stack e-commerce platform for online shopping by providing product browsing, cart management, and account handling.

- Developed backend with **Node.js** and **Express** for efficient server-side processing, Connected **MongoDB Atlas** to handle product data storage, Designed a responsive, user-friendly frontend using **HTML**, **CSS**, and **JavaScript**, enhancing the browsing experience across devices.
- Achieved dynamic product updates, easy navigation, and intuitive features like search and login/signup, leading to an improved user experience.

Personal Portfolio Website :

Designed a personal portfolio to showcase projects, skills, and professional background using **HTML**, **CSS**, **JavaScript**,

Responsive Design.

Link: <https://ptreddy-95.github.io/Prashanth-Reddy-NV-Portfolio/>

Certifications

- Salesforce Administrator Virtual Internship by Smartinternz
- Embedded Developer Virtual Internship by Eduskills
- Networking Essentials by Cisco | July 2022.
- Python Programming Essentials by Cisco | June 2022.
- Robotics Processes Automation by Eduskills | May 2022