Disha Patel

Computer Engineering Grad. & IT Solutions Student

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ABOUT ME

As a Computer Engineer Graduate with a passion for technology and problem-solving, I bring a solid foundation in IT principles and a commitment to continuous learning. Currently enhancing my skills through a Postgraduate Diploma in IT Solutions, I am eager to apply my academic knowledge and newly acquired expertise in a challenging role. My goal is to leverage my technical abilities and collaborative spirit to contribute to innovative IT solutions and drive success in the tech industry.

EXPERIENCE

Computer System Trainee
Reliance Industries Limited
Internship
Jun 2021 - Jun 2021 · 1 mo
Vadodara, Gujarat, India · Remote

- Gained a comprehensive understanding of computer systems, including applications like MITS, APM, Honeywell, and OMPRO.
- Acquired knowledge in OSI model, ISP, VPN, and Cisco three-layer model.
- Effectively worked with NMS, comprehended DCMS functionalities (data centers, HTTP servers, DNS), and implemented Cisco three-layer model principles.
- Learned about SAP, a leading ERP (Enterprise Resource Planning) system, and its applications in business process management and customer relationship management.

Embedded Software Engineer Intern
MOTION AUTOMOTIVE (Motile Automotive Pvt. Ltd.)
Internship
Jan 2022 - Apr 2022 · 4 mos
Vadodara, Gujarat, India · On-site

- Developed firmware for the electric motorcycle project, focusing on Atmega microcontrollers to enhance ergonomic functionality of actuators. Programmed Beagle Board Black for a TFT display.
- Conducted research on automotive chips to shortlist MPUs for the motorcycle, contributing to the analysis of suitable microcontrollers and processors for future projects.
- Assembled Voron Legacy 3D printer from scratch using Marlin Firmware, Arduino Mega, Ramps 1.4 board, stepper drivers, and stepper motor operations. Printed various prototypes for electric motorcycle parts.
- Configured and optimized temperature settings, motion parameters, and display interface of the 3D printer. Achieved enhanced print quality, user-friendliness, and overall productivity through proficiency in firmware programming, calibration techniques, and user interface customization on Raspberry Pi Display using Python.

SKILLS

Technical Skills:

Frontend Development: Proficient in ReactJS, HTML, CSS, and Material UI for building responsive and user-friendly web interfaces.

Backend Development: Experienced with Node.js and npm for server-side development, including RESTful API design and implementation.

Version Control: Proficient in Git for version control, with a solid understanding of GitHub workflows for collaborative projects.

EDUCATION

Gujarat Technological University (GTU)
Bachelor of Engineering, Computer Engineering
2018 - 2022
CGPA: 8.05

Humber College
Postgraduate Certificate in IT Solutions
2023 - 2024
Overall GPA: 87.7

CONNECT WITH ME

GitHub:
https://github.com/dishap1515

LinkedIn:
www.linkedin.com/in/09disha-patel