

WORK EXPERIENCE

1. DSR Group's Of Compnies - INTERNSHIP

Jun 2024 – Sep 2024

MERN Stack Developer

- Built and deployed MERN stack applications with Prisma, Tailwind CSS, React, and Redux, demonstrating strong front-end and back-end skills.
- Designed and implemented efficient CRUD APIs using Node.js, Nest.js and Express, ensuring optimal data flow and performance.
- Improved interfaces using responsive design with Tailwind CSS, React, and Redux, boosting user engagement.
- Contributed to multiple industry-level projects, completing tasks for each component to ensure seamless integration and functionality.

2. CALANJIYAM CONSULTIING AND TECHNOLOGIES - INTERNSHIP

Oct 2023 – Dec 2023

Full Stack Web Development, Team Leader

- Led a team of five in developing a Quotation Management System, optimizing the quotation process and fostering collaboration.
- Directed front-end and back-end implementation with a strategic tech stack, creating a user-friendly interface.
- Developed a customer and product management system, reducing quotation time by 50% and increasing accuracy by 20%.
- Converted quotes into accurate invoices, delivering a customized, user-friendly billing solution.

KEY PROJECTS

1. FOOD APP

Jun 2024 – Jul 2024

React.js, Node.js, Express.js, MongoDB

- Created a dynamic food ordering application during my internship using React and TypeScript, with Redux for state management, ensuring a seamless and type-safe user experience.
- Implemented a robust backend using Node.js and Express, providing efficient and scalable server-side operations.
- Utilized MongoDB for storing user data, order details, and product information, ensuring reliable and secure data management and strengthened authentication and validation using Zod, ensuring secure and validated user inputs.
- Integrated Stripe for secure and efficient payment processing, allowing users to complete transactions smoothly and safely.

2. DESIGNING A NETWORK INFRASTRUCE FOR COLLEGE CAMPUS

Dec 2022 – Apr 2023

Networking, IoT

- Designed a network infrastructure using Cisco Packet Tracer, implementing RIP, DHCP, VLAN, OSPF, MAIL, FTP, and HTTP protocols.
- Established a cohesive campus communication system, including file transfer servers and IoT setup for centralized management of lights, fans, and AC units.
- Suggested dynamic IP allocation for all devices connected to the campus server.

SKILLS & INTERESTS

- **Programming Languages:** Python, Java, C++, C, C#
- **Web Development:** React.js, Redux, Node.js, Express.js, Nest.js, Prisma, MongoDB, HTML5, CSS3, SASS, Tailwind CSS, Bootstrap, JavaScript, PHP, Firebase, MySQL
- **CI/CD & DevOps:** Jenkins, AWS, Docker, Git, GitHub
- **Operating Systems:** Linux, UNIX, Windows
- **Networking:** Routing and Switching, Subnetting and IP Addressing, CLI, Security Protocols, Virtualization

EDUCATION

MADURAI KAMARAJ UNIVERSITY – COMPUTER APPLICATION, MADURAI <i>Master of Computer Applications – 8/10</i>	2023 – Present
MANNAR THIRUMALAI NAICKER COLLEGE, COMPUTER SCIENCE, MADURAI <i>Bachelor of Computer Science – 8.6/10</i>	2020 – 2023

ACHIEVEMENTS AND CERTIFICATIONS

- Completed .NET Training at Besant Technologies | 2023
 - Cisco Certified Network Associate at Elysium Academy | 2022
 - Software Engineering Virtual Experience Program by Blackbird Organization from forage | 2022
 - Awarded Second Price for Code Development at Parvathy’s Art College | 2022
 - Certified in Java with A+ grade from Kalam Institute of Technology | 2022
 - Achieved an A+ grade certification in C & C++ from Kalam Institute of Technology | 2021
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