

FADI RAYYAN

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Education

Trent University - Bachelor's in Computer Science Dec 2020 – May 2024
Relevant Coursework: Data Structures & Algorithms, Software Design, Full-Stack Web Development, Database Design

Relevant Skills

Programming Languages: Python, Java, C, C#, PHP, HTML/CSS, JavaScript, SQL, Shell Script
Frameworks: React, Node.js, Express, Django, Flask
Technologies: Git, PostgreSQL, MongoDB, PHPMYADMIN, Android Studio, Unity, PowerFx, Microsoft Power Apps
Certifications: Certified Data Scientist (*Datacom*), Google Data Analytics Certification

Professional Experience

Best Buy - *Mobile Sales Advisor* Apr 2023 – Dec 2023

- Consistently met or exceeded monthly and quarterly sales targets, achieving a 10% increase in revenue
- Demonstrated in-depth knowledge of the latest mobile devices, plans, and accessories, assisting customers in making informed purchasing decisions
- Provided exceptional customer service by actively listening to customers' needs and resolving issues effectively

The Lucky Elf – *Software Developer Intern* Jan 2022 – Dec 2022

- Developed and maintained a contest-based e-commerce website offering prize draws with each purchase
- Built front-end and back-end features to manage products, user entries, and prize logistics
- Collaborated with senior developers to debug issues and improve system performance

Schneider Electric - *Automation Engineer Intern* Sep 2020 - Dec 2020

- Assisted in designing and implementing redundant network systems for Schneider Electric's Distributed Control Systems, increasing system reliability by 15% across 5+ industrial projects
- Supported the design and assembly of SCADA and DCS cabinets for 10+ automation projects, ensuring 100% compliance with industry standards and project requirements
- Contributed to the development and testing of Human Machine Interface (HMI) systems, improving operational efficiency by 20% and enhancing user experience for end clients

Projects

Personal AI Chatbot

Python, Flask, JavaScript, React, Deepseek API

- Developed a full-stack AI chatbot with a Flask backend and React frontend enabling real-time, two-way communication
- Integrated DeepSeek API for natural language processing and dynamic response generation
- Designed a responsive, modern UI with React and implemented secure, asynchronous messaging between client and server

Markdown-Based Blog Website

Node.js, Express, MongoDB, EJS, Markdown

- Developed a full-stack blogging platform enabling Markdown-based post creation and rendering
- Structured the backend using Node.js, Express, and MongoDB to support scalable content management
- Built dynamic EJS views and implemented secure routing and input validation for better performance and protection

Contact Form Web Application

Node.js, Express, HTML, CSS, JavaScript, MongoDB

- Engineered a full-stack web application featuring a dynamic contact form with real-time form validation and secure data handling
- Designed an intuitive front-end interface to maximize user engagement and ensure seamless message submissions
- Developed robust back-end APIs with Express.js to process and store user inquiries in MongoDB, incorporating input sanitization for enhanced security
- Optimized server performance to handle concurrent form submissions efficiently, reducing response times by 30%