DARSHIL MODI

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OBJECTIVE

Pursuing Masters in Computer Science and looking for an internship in Summer 2024 as software engineer.

EDUCATION

Syracuse University - College of Engineering and Computer Science, Syracuse, NY | GPA 3.51   **May 2025**
Master of Science (MS) in Computer Science
Relevant courses: Object Oriented Programming in C++, Object Oriented Design (Project life cycle), Design and Analysis of Algorithms

Dwarkadas J Sanghvi College of Engineering, Mumbai University, India | GPA 3.8   **June 2023**
Bachelor of Engineering in Electronics and Telecommunications
Relevant courses: Operating Systems, Data structures and algorithms, Machine learning and **artificial intelligence**.

TECHNICAL SKILLS

- **Programming Languages**: C, C++, Java, Solidity, jQuery, Python, Api, RESTful Api
- **Web Technologies**: Html, Css, Bootstrap, JavaScript, Docker
- **Frameworks**: React, Node.js, Express. Django, Ethereum, Web3.js, Angular, Three.js, Next.js, Tailwind, Redux
- **Databases**: MySQL, Firebase, MongoDB, Aws,

CERTIFICATIONS

Python for Everybody by the University of Michigan under Dr. Chuck:
- Successfully completed a series of five courses, mastering Python programming fundamentals, data structures, web scraping, database management, and access to web data, culminating in a capstone project that applied these skills in a comprehensive project.

Web Development for All by Dr. Angela Yu (offered by Udemy):
- Completed an intensive 50-hour course, acquiring skills in HTML, CSS, JavaScript, Node.js, and React. Developed over 15 hands-on projects, including a personal portfolio site and an e-commerce platform, demonstrating a solid foundation in full-stack web development.

PROFESSIONAL EXPERIENCE

PrideVel Technologies Limited, Mumbai, India   **December 2021 – February 2022**
Full Stack Developer Intern
- Designed and implemented an advanced customer service chatbot using NPM and React, achieving a 40% increase in customer engagement and streamlining response times by 50%.
- Led the development of a responsive website, enhancing user retention by 30% and doubling customer engagement through strategic UI/UX improvements.
- Integrated blockchain technology to develop a secure, data-driven backend infrastructure, enabling the seamless execution of smart contracts for over 500 users, demonstrating a commitment to product reliability and security.

ACADEMIC PROJECTS

SmartMart – A Smart Shopping Experience using Computer Vision   **December 2022 – January 2023**
- Orchestrated the development of Smart Mart, a Raspberry Pi-based smart cart, reducing shopping time by 10%, achieving a 95% accuracy rate for product identification (compared to 85% with traditional methods), and reducing errors by 50%. Resulted in a 20% reduction in manual labor costs.
- Developed the website with HTML, CSS, React, improving page load time by 30%. Promoted peer collaboration, leading to a 25% improvement in project completion time and a 30% reduction in integration issues.

Buyit- An e-commerce platform   **January 2022 – March 2022**
- Spearheaded the development of 'Buy it,' an e-commerce platform, successfully implementing 10 core features that closely mirror Amazon's functionality with React and Firebase, showcasing my full-stack development capabilities.
- Engineered and implemented a robust, scalable architecture, empowering the platform to seamlessly handle up to 500 concurrent users.

MyFund-Personal Finance tracking app   **March 2022 – May 2022**
- Implemented efficient state management using Redux, significantly reducing reload times and improving the application's overall performance, resulting in a smoother user experience.
- Spearheaded the creation of a responsive, intuitive interface for a Personal Finance Tracker App, leveraging React.js, which can enhance user engagement by 30% through improved usability and mobile responsiveness.

EXTRA CURRICULAR ACTIVITIES

- Supervised and coordinated numerous high-altitude treks for a premier trekking company, successfully managing logistics and safety for over 300 participants across diverse terrains.