

Darshil Chetan Modi

Syracuse, NY | +13157461195 | dcmodi@syrr.edu | <http://www.linkedin.com/in/modi-darshil/>

EDUCATION

Syracuse University

August 2023 – May 2025

Master of Science in Computer Science | GPA – 3.7/4.0

Syracuse, NY

- Coursework: Data Structure and Algorithm, Computer Architecture, Object Oriented Design (Project Life Cycle), Operating System, Intro to Machine Learning, Object Oriented Programming in C++, Android Development

University of Mumbai

August 2020 – June 2023

Bachelor of Engineering in Electronics and Telecommunication | CGPA – 9.00/10.0

Mumbai, India

- Coursework: Computer Networks, Artificial Intelligence, Database Management System, Computer Programming.

TECHNICAL SKILLS

- Languages and Framework:** C, C++, Java, Node.js, jQuery, Python, Html, CSS, JavaScript, TypeScript, Bootstrap, React.js, Redux, Express.js, Next.js, Three.js, Tailwind CSS, Blockchain, Solidity, Ethereum, Web3.js, Spring, Spring Boot, Haskell.
- DevOps:** Docker, GitHub, Jenkins.
- Cloud:** EC2, IAM, Sage maker, CloudWatch, Lambda, RDS, DynamoDB AWS SQS, AWS SNS, AWS Athena, Redshift, AWS S3,
- Database:** MySQL, MongoDB, SQLite, Fire Base.
- Software Tools and Methodologies:** Git, Jira, SCRUM, Postman, VScode, MetaMask, Truffle.

WORK EXPERIENCES

PrideVel Consulting LLC | Next.js, MongoDB Atlas, User Authentication, Postman

June 2024 – August 2024

Software Engineer Intern

Illinois, USA

- Developed and launched a blockchain marketplace using Next.js facilitating over 1,000 secure asset transactions, increasing market accessibility and enhancing user engagement.
- Engineered a MongoDB Atlas-backed database enhancing data scalability and performance, supporting a high-availability platform serving thousands of users daily.
- Implemented secure user authentication with MetaMask for over 2,000 users and thoroughly tested API endpoints using Postman, ensuring platform integrity and seamless functionality, enhancing user trust and operational reliability.
- Managed the project's full lifecycle from design to deployment, achieving a 50% increase in user interaction and transaction security through UI/UX and backend improvement.

PrideVel Consulting LLC | React.js, NPM, DynamoDB, UI/UX, Blockchain, Jira

December 2021 – February 2022

Full Stack Developer Intern

Maharashtra, India

- Designed and implemented a customer service chatbot using NPM and React, increasing customer engagement by 40% and cutting response times by 50%.
- Led the development of a responsive website, boosting user retention by 30% and doubling customer engagement with strategic UI/UX improvements.
- Collaborated with cross-functional teams to align project with business goals, improving team collaboration and improving project outcomes.
- Integrated blockchain technology to develop a secure, data-driven backend infrastructure, enabling the seamless execution of smart contracts for over 500 users.

PROJECTS

Fitness Tracker | Object Oriented Programming, React.js, JavaScript, FireBase.

January 2024 – April 2024

- Collaborated on developing the Fitness Tracker app using React.js to enhance interface responsiveness, reducing page load time by 30%, and integrated Firebase BaaS to streamline data handling, achieving a 25% reduction in storage costs.
- Conducted unit testing that reduced bugs by 15%, maintained application functionality, and optimized overall performance, ensuring the system's reliability.

BuyIt – An E-commerce platform | TypeScript, PostgreSQL, AWS Cloud.

September 2023 – November 2023

- Orchestrated the launch of 'BuyIt', an e-commerce site with 10 Amazon-inspired features using TypeScript, PostgreSQL, and AWS Cloud services to improve scalability and data management.
- Architected and deployed a robust AWS Cloud infrastructure to support 500 simultaneous users, ensuring high availability and smooth transaction processing with effective application load balancing and resource management.

Code Editor Platform| Next.js, Redux, Monaco API, MongoDB

December 2022 – March 2023

- Constructed a code editor platform using Next.js and Redux, and integrated the Monaco API and MongoDB.
- Enhanced performance by reducing load times by 35% and improved efficiency by 50% enabling advanced algorithm testing in seven programming languages and significantly improving user experience.

CERTIFICATIONS

- AWS Certified Developer – Associate (July, 2024)
- AWS Certified Cloud Practitioner (May, 2024)
- Web Development for All by Angela Yu, Udemy (November 2021)