

Sanket Detroja

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EDUCATION

California State University, Fullerton

Master of Science, Computer Science

Coursework: Software Verification and Validation, Advanced Database Management System, Advance Computer Graphics

May 2025

GPA-3.7

Birla Vishvakarma Mahavidyalaya Engineering College, India

Bachelor's of Engineering, Information Technology

Coursework: Data Structure, Machine Learning, Artificial Intelligence, Database Management System, Big Data, Computer Networks

May 2023

GPA-3.6

SKILLS

Programming Language: C++, Python HTML5, CSS3, Javascript,

Frameworks: React, Nodejs, ADO.Net, Django

Testing Services: JUnit, Selenium, Agile

Database/Other: DSA, AWS Solution Architect, GitHub, SQL, MongoDB, Figma

Additional: Troubleshooting, Teamwork, Written and Verbal Communication, Proactive, Solution-oriented

WORK EXPERIENCES

IT Data Center Student Assistant

California State University Fullerton | California, USA

May 2024

- As a Student Assistant, provide 1st echelon phone support, escalate after-hours Help Desk calls, and assist full-time staff technicians in the data center. Perform data center tasks including monitoring servers, network, and climate, logging phone system tickets, and aiding in asset management.
- Adhere to Data Center Access Guidelines, report shift updates, and escalate issues as needed. Additional duties may be assigned per Data Center management discretion.

Full-Stack Developer

Trakshym | Surat, India

July 2022-May 2023

- In my position as a full-stack developer, I made substantial contributions to two prominent projects: [HandmadeLoveByTanya](#), an e-commerce platform specializing in handcrafted gifts, and [Ocxee](#), a career counseling website offering comprehensive assistance to individuals.
- My involvement in these projects encompassed diverse aspects of development, from backend functionality to **front-end design and development(Reactjs, Javascript, and APIs)**, ensuring seamless user experiences. Allover enhances project quality with more than 30% time saving and within the actual timeline.

Web Developer Intern

Launchpad | Ahmedabad, India

June 2022-July 2022

- I collaborated on a **JavaScript project** under the mentorship of a senior full-stack developer, resulting in the creation of a personal portfolio website. My creative thinking eases the environment by 10% from $\frac{3}{4}$ times less time.
- Developed a dynamic QR code generator **JavaScript API** platform capable of producing diverse QR codes, from text to link codes, enhancing usability and functionality.

PROJECTS

Coupon Trader (8th-semester Group Project 2)

January 2023-April 2023

- Engineered and inventive coupon exchange marketplace leveraging **React.js, Mantine UI, TypeScript, Node.js, Express.js**, and **MongoDB** to address user challenges and drive revenue.
- Facilitated seamless exchange between buyers and sellers, optimizing surplus coupon utilization across diverse platforms. After completing this project, I have gained 20-30% hands-on knowledge about web technologies.

Transaction of Ethereum (7th-semester Group Project 1)

August 2022-December 2022

- Developed a cutting-edge blockchain web application incorporating Metamask for Ethereum transactions via smart contracts, integrating GIFs for immutable blockchain records.
- Employed **React and Solidity for front-end and back-end**, facilitating seamless global Ethereum transfers to any wallet.

Generate QR (code from any text or URL)

May 2022-June 2022

- Crafted a user-friendly web application for streamlined information sharing among individuals and groups, featuring QR code generation using **HTML, CSS for front-end**, and **JavaScript for back-end** functionality.
- Implemented an intuitive interface and robust functionality to ensure seamless sharing experiences, enhancing efficiency in communication.

CERTIFICATIONS

Ultimate AWS Certified Solutions Architect Associate SAA-C03 | Issued on March 2023

IAM, EC2, Load Balancing, Auto Scaling, EBS, EFS, Route 53, RDS, ElastiCache, S3, CloudFront