Narmit Mashruwala

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ   Sep 2022 - May 2024
Master of Science in Computer Science
Coursework: Enterprise Software Architecture & Design, Algorithms, Advanced DBMS, Web Programming, Mobile Systems

Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat   Jun 2018
Bachelor of Technology in Information and Communication Technology
Coursework: Models of Computation, Human-Computer Interaction, Stochastic Simulation, Computer Networks, Economics
Leadership & Activities: Convener & Mentor of Festival Committee & Youth Run, Drama Club, Student Mentorship Program

TECHNICAL SKILLS

Programming: JavaScript, Java, Python, NodeJs, Angular, React, Redux, NextJs, C#, SQL, NoSQL, Shell, Bash, Express, C/C++
Technology & Tools: Git, AWS, Docker, Kubernetes, Jenkins, Firebase, Postman, Karma, Terraform, Kafka, Redis, Gulp, MongoDB
Strengths: Software Development, Product Management, Data Structures & Algorithms, System Design, Cloud Computing, DevOps

EXPERIENCE

PrivateCircle, Bengaluru, India   Oct 2021 – Aug 2022
Frontend Engineer
- Conceptualized & documented a component library reducing developer time by 30% & achieving 90% consistency
- Performed dockerization of local development environment & undertook automation of deployment using Github actions to reduce onboarding time by 30 hours & save 6h weekly in deployment time
- Identified & engineered user data collection system enabling business intelligence & increasing user engagement by 22%
- Built extensive test coverage for all features which reduced the number of customer complaints by 38%

GTCSYS Services Pvt. Ltd., Ahmedabad, India   Jan 2021 – Oct 2021
Full-stack Developer
- Spearheaded a team of 4 developers on the Password Vault project (utilizing NextJs, Redux, Firebase, and Tailwind CSS)
- Facilitated reduction in technical debt by 15% by standardizing code, errors, & commits with prettier, husky, lint-staged
- Pioneered building a Test Assessment application bettering experience of 10k+ students using React, Python & PostgreSQL

4C Consulting IT, Ahmedabad, India   Aug 2018 – Dec 2020
Jr. Software Developer
- Accomplished end-to-end development of 6 client apps leveraging technologies like React, Angular, NodeJs, and SQL
- Achieved 20% performance gain & increase in time efficiency by optimizing and testing core queries and procedures
- Initiated diagnosis & solved cross browser compatibility issues using developer tools successfully achieving 95% consistency
- Envisioned & built applications for the supply chain management. Customized report generation & visualization of graphs
- Devised a training track for 10 interns, tabulated their progress & demonstrated best practices of software development

Prof. Jaideep Mulherkar, DA-IICT, Gandhinagar, India   Jan 2018 – May 2018
Undergraduate Researcher
- Researched & implemented in python, the least square Monte Carlo approach to find the price of American options & the optimal exercise point for the GBM simulated path from 100k data points for Axis bank from the Bombay Stock Exchange

PROJECTS

Ad-hoc OLAP Query Processing Engine   Sep 2022 - Dec 2022
- Designed to generate a customized java program for any query run on a database, giving the same result without utilizing any PostgreSQL functionality. Implemented multi-feature (MF) syntax to handle experimental 'such that' clause for queries

Stevens - Lost & Found   Oct 2022 - Dec 2022
- Collaborated with 5 members to build a Lost & Found website using Node.Js, Express, MongoDB & Handlebars

Coinocracy - [Vesting Dashboard](#) & [Genesis Fund](#)   Aug 2021 - Mar 2022
- Crafted from design, legally compliant funds as DAOs for investment on & off-chain in equity, token, & NFT
- Devised a DAO-VC formation platform & integrated detailed financial tools like Vesting Contract Tracking
- Incorporated multiple crypto wallets & utilized web3.js to interact with remote Ethereum node on 2 projects

Encodys (ReactNative, Expo)   Mar 2021
- Designed & developed an MVP mobile app that changes the way data and documents are shared with various entities

LEADERSHIPS & AWARDS

- Led knowledge-sharing sessions for git concepts & tools, coding standards, and best practices to follow
- Awarded "CEO's Excellence Honor" at GTCSYS Services Pvt. Ltd.