Anash Mehta

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EDUCATION

Master of Science in Computer Science   **AUG 2022–MAY 2024**
University of Southern California, Los Angeles | CGPA: 3.78/4.0

Bachelor of Engineering in Information Technology   **AUG 2019–JUN 2022**
Dwarkadas J. Sanghvi College of Engineering, India | CGPA: 9.79/10

Diploma in Information Technology   **AUG 2016–MAY 2019**
Shri Bhagubhai Mafatlal Polytechnic, India | CGPA: 9.33/10 (Secured All India Rank 78)

TECHNICAL SKILLS

Programming Languages: JavaScript, ES6, Python, Java, TypeScript, Solidity, ASP.NET, C++

Frameworks: React.js, Node.js, SQL, Vue.js, Ethereum, Bootstrap, Express.js, PHP, Docker, Arduino, Flask, GraphQL

Databases: Oracle Database, MySQL, MongoDB, Firebase, DynamoDB

Tools & Technologies: GitHub Actions, Amazon Web Services, Google Cloud Platform, TensorFlow, Linux, DevOps

EXPERIENCE

Full-stack Developer Intern | *SALT, India*   **JUL 2021–NOV 2021**
- Implemented a full-stack consumer solution that improves workflow efficiency and minimizes paperwork by 75%. Leveraged MERN (MongoDB, Express, React.js, Node.js) stack and AWS platform for building the solution.
- Optimized the user experience by employing advanced techniques such as lazy loading web pages, resulting in a 50% increase in page load performance.

Frontend Developer Intern | *Untangle, India*   **SEP 2020-NOV 2020**
- Developed a web platform in the mental-wellness domain, leveraging React.js and Bootstrap and transforming the user experience, and achieved a 95% reduction in customer turnaround time from 3 days to 10 minutes.
- Engineered an admin portal in under a week to expedite workflow by 40%, resulting in streamlining data management with efficient SQL queries and increased operational efficiency.

Software Engineer Intern | *An Ivy Dream, India*   **JUL 2020–SEP 2020**
- Collaborated in a team to design and build a full-stack application, streamlining how mentors and students connect.
- Empowered admins to seamlessly manage mentors by developing an admin portal using React.js and MySQL, leading to a 20% improvement in student-mentor matching and thus better outcomes for both students and mentors.

PROJECTS

Automated Institute Leaving Certificate Generator | *React, Node.js, JWT, MySQL, PDF.js*   *COPYRIGHTED*
- Coordinated the development and deployment of a complete system for the university, serving over 2000 students and enabling seamless interaction and management for the administrative staff.
- Led a team of developers in building the program, reducing the issuance time of the leaving certificates to 30%.

PalliCare | *React, Node.js, WebRTC, OpenCV, MongoDB*   *EXPLORE*
- Conceived and built a system aiding patients requiring Palliative Care, employing sentiment analysis with OpenCV to identify patients requiring immediate support, contributing to a 50% increase in timely interventions.
- Attained finalist status in state-level project presentation, among 250+ participants & published research in IEEE Conference.

Virtual Labs: Germinate seeds to observe how plants grow | *React, Rive, Bootstrap*   *EXPLORE*
- Collaborated with a team to develop an interactive online simulator utilizing React and Rive, simulating a virtual laboratory with 5+ functionalities for enhanced student experiences.
- Partnered with CDAC (Govt. of India) to implement an innovative system, benefiting over one million students annually.

BlockChainVoting | *Next.js, Node.js, Chart.js, Ethereum, Solidity (Web3), MetaMask, IPFS*   *EXPLORE*
- Spearheaded the development of a blockchain-driven E-voting system, optimizing voting time by 60%.
- Designed an intuitive dashboard with insightful analytics using Chart.js, enabling simultaneous elections with data integrity ensured through Ethereum-based Blockchain. Garnered 200+ stars on GitHub for the repository.

HONORS & AWARDS

- **Distinguished Mentor** at AthenaHacks 2023 Hackathon, organized at the University of Southern California.
- **Best Paper Presenter** at 2021 **IEEE** ICCICT International Conference, out of over 500 researchers.
- **Winner** of CodeShastra 6.0 national-level **Hackathon**, among 75+ participating teams.

LEADERSHIP & INVOLVEMENT

- Engaged as an Independent **Researcher** at Blockchain@USC, fostering innovative research.
- Organized **Mumbai's first hybrid Hackathon** under Google's Developer Student Clubs - DJSCE as Lead Project Coordinator.
- Proactive **open-source contributor** and key maintainer at *markdown-badges* repository (10k+ stars on GitHub).