

DIVY MAV

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EDUCATION

Bachelors of Technology: CSE(IOT and Cybersecurity With Blockchain Technology),
D.J Sanghvi College of Engineering, Mumbai, India,
GPA: 7.74/10.0

May 2022

SKILLS & TOOLS

Frontend : Javascript, Reactjs, Nextjs, Typescript, Vite, Angular

Backend: Next.js, Django, Flask, FastAPI, Node.js, RESTful APIs, Express.js, Firebase, WebSockets, Spring, Servlet & JSP

Blockchain & Web3: Smart Contracts, Ethereum, Hyperledger, Web3.js, Ethers.js, Solana, EDU Chain, Chainlink

Databases: MySQL, PostgreSQL, MongoDB, Redis, Firestore real-time database, Database Technologies

Tools: VS Code, Jupyter Notebook, Docker, Git, Postman, AWS, CI/CD (Github)

Product Skills: System Design, Product Definition and Validation, Requirement Analysis, Product Strategy, Product Planning and Development, Cross-Functional Team Leadership, Unit Testing, Documentation (Swagger).

INTERNSHIPS

Full-Stack Developer Intern, Antennae Ventures pvt ltd, Mumbai, India:

June 2024 – August 2024

- Engineered a high-performance frontend using Vite, React.js, and Tailwind CSS, improving page load time by ~40% and boosting cross-platform user retention by 15%.
- Designed a modular component system that reduced code duplication by 30%, cut testing time by 25%, and accelerated team onboarding and collaboration.
- Structured and optimized **cloud-hosted Firestore database schemas** for fast retrieval and scalability based on real-time application needs.
- Executed end-to-end **data operations using Firestore SDK**, ensuring smooth data persistence and live synchronization across client devices.
- Deployed serverless backend workflows using Firebase Cloud Functions, automating 95% of user-triggered tasks and enhancing real-time data sync for multi-device support.

Software Engineer Intern, Union Bank Of Switzerland (UBS), Pune, India:

June 2025 – July 2025

- Developed and maintained front-end features in a high-traffic internal banking platform using **React.js** and **TypeScript** within an **NX monorepo**, enhancing feature delivery speed by ~10%.
- Worked on 5 **reusable UI components** aligned with **Fluent UI** standards, improving design consistency and reducing redundant development effort across teams.
- Documented components in **Storybook**, enabling **cross-team adoption** and cutting onboarding time for new developers by 30%.
- Wrote and maintained ~60 **unit tests** using **Jest**, contributing to **90%+ code coverage** and reducing production bugs by ~15%.
- Collaborated in an **Agile team of 8**, participating in sprint planning, daily stand-ups, and peer reviews, accelerating sprint velocity and ensuring delivery of prioritized features on time.

COMPUTER SCIENCE PROJECTS

CertiChain | 2025 [Link](#): *Vite React, Nodejs, Express.js, MongoDB, Typescript, EDU-Chain Network, Solidity, Gemini AI*

- Developed a blockchain-based credentialing platform enabling **100% tamper-proof** issuance of academic certificates, with smart contracts managing **500+ on-chain records**.
- Authored Solidity **smart contracts to autonomously manage certificate lifecycle** events with immutability and auditability.
- Implemented AI-driven logic to assess skills and automate certificate issuance, ensuring transparency, immutability, and trust in academic records.

Smart University Management System | 2024 [Link](#): *React.js, CSS, Node.js, Express.js, MongoDB, Algorithm*

- Built a modular university management platform used by 200+ students and faculty, automating classroom scheduling and reducing admin workload by 35%.
- Engineered** an intelligent scheduling algorithm to auto-assign classrooms for exams using Excel data uploads.
- Rolled out an intuitive student-facing interface, cutting down student inquiries regarding academic information by 60% and saving the university support staff 50 hours per week during peak times.

Synthera | 2025: [Reactjs](#), [Nodejs](#), [Typescript](#), [MongoDB](#), [Python](#), [SAD-Talker](#), [Gemini-AI](#)

- Launched** an interactive virtual interview experience platform integrating talking avatars and real-time feedback mechanisms for users to practice interviews with AI-driven avatars using **SAD-Talker** and real-time question generation via **Gemini API**.
- Designed and deployed an interview simulation tool with avatars and real-time feedback, helping 100+ users improve performance; cut average interview prep time by 30%.

AWARDS

2nd Runner Up – Youth-o-preneur – Competed against 50+ teams and developed a blockchain-based fake medicine detection system to enhance pharmaceutical transparency and prevent counterfeit drugs. – March 2024

1st Runner Up – VJTI Hackathon – Outperformed 500+ registered teams by building a **smart warehouse management system**, optimizing inventory tracking and logistics using advanced automation and analytics.

Winner – FinCode Hacks – Developed a personalized investment tool that tailors financial strategies based on an individual's unique financial situation, leveraging AI-driven insights.