JASH DOSHI

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EDUCATION

University of Mumbai   **2021 - 2025**
Bachelors in Computer Engineering (8.93/10)   *Mumbai, IN*

WORK EXPERIENCE

Webknot Technologies   **May 2023 - Oct 2023**
Backend Developer   *Remote*
- Developed APIs for SaaS applications using **Nest.js** framework and **MySQL**, enhancing functionality and scalability.
- Effectively implemented **AWS** services such as **S3, SNS, SES,** and **Redis**, resulting in **20% reduction in query time**.
- Integrated the official SSO login APIs of Apple and Twitter. Undergone comprehensive training in **AIML**.

AST Consulting   **March 2023 - April 2023**
Full Stack Developer Intern   *Remote*
- Created full stack website focused on generating tailored social media posts for users to enhance their engagement.
- Worked in a 3 member team. Designed the frontend and backend using **React.js**, **Nest.js** and **OpenAI**.

PERSONAL PROJECTS

Farq | *Video* *GitHub*   **Jan 2024**
- Identifies if the image is AI generated or real using **transfer learning and fine-tuning with EfficientNetB0 model**.
- Achieved an **accuracy of 97%**. Tech Stack - **Python, Tensorflow, Keras, React.js, Flask**.

Jaya - A Video Conferencing App | *Live*   **Dec 2023 - Ongoing**
- Features like **emoji reactions and air drawing through hand gestures**, and **real-time language translation on audio**.
- Tech Stack - **React.js, Tensorflow.js**.

Doctorine | *Video* *GitHub*   **July 2023**
- Helps the hospitals in monitoring vitals and sends alerts on the app when any abnormalities found in patient's vitals.
- Developed a model to read the vitals from the monitors using **easyocr**. Created APIs in Flask and Nodejs.
- Tech Stack - **Python, Flask, Image Processing, React-native, MERN**.

Bloop | *Live*   **April 2023**
- Designed and implemented a unique **UI simulation of operating system** for web and mobile platforms using **Reactjs**.
- Features like camera, browser, gallery, movable components, wallpapers, Spotify, to deliver an immersive user experience.

RESEARCH WORK

Research paper on **Enhancing the Metaverse using Quantum Technologies**   **Ongoing**
- Covered all the different applications of Quantum Computing in Metaverse.

TECHNICAL SKILLS

Programming/Courses: C/C++, OOP (Java), Python, DSA, DBMS, OS, CN, DWM, TCS, AI, Quantum Computing
Frontend Technologies: HTML, CSS, JS, EJS, jQuery, React.js, Next.js, React-native
Backend Technologies: SQL, Node.js, Express.js, MongoDB, Firebase, oAuth/Cookies, API, AWS, Redis, Flask
Other Technologies: Git, GitHub, Figma, Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects

POSITION OF RESPONSIBILITY / EXTRACURRICULAR

Chairperson - Developer's Club TSEC   **2023 - Present**
- Lead a team of 20 to develop the official app of TSEC with 70+ daily active users and 1000+ downloads.
- Implemented railway concession on the app resulting in saving time of students and professors by 50%.
- Delivered seminars about Introduction to Web Development and Hackathons reaching an audience of 150+ people.

Cloud Facilitator & Core Member - Google Developer Student Club   **2023 - Present**
- Empowered 150+ students in mastering Google Cloud Course, with 60+ successfully completing their journey.

Assistant Contingent Leader & Cultural Team Representative at TSEC   **2022 - 2023**
- Managed the official Dance, Drama and Band team of college and participated in various inter-college events.
- Organized the college's cultural week, having a footfall of 2000+ people.

Volunteered as a Web Designer at **Teens for Cancer Patient NGO** and revamped the UI of their website.   **July - Sept 2022**
Designed the official college magazine, brochure, and Instagram posts for computer department.   **2021 - 2022**

ACHIEVEMENTS

- **8x Hackathon Winner** (TSEC-NFC, DJ-COC, TSEC-Hacks, CSI-SPIT) including **2 National Level** (NIT Raipur, GGSIPU), **1 State level** (PCCOER) and **1 Company Hackathon** (Webknotothon) and amongst top 10 in 3+ Hackathons.
- Runner Up @ IIMA **National Level Dance Competition 2023** & won 2 inter college Dance Competitions (VIT & KJSCE).
- Winner @ MMK **Chess Tournament** 2022.