GREHA SHAH

Mumbai, Maharashtra

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EDUCATION

Dwarkadas J. Sanghvi College of Engineering   **2020 - 2024**

B.Tech in Computer Engineering - ***CGPA - 9.32/10***   *Mumbai*

Relevant Coursework: Engineering Mathematics, Deep Learning, Data Warehousing and Mining, Big Data Infrastructure, Machine Learning, Data Structures, Analysis of Algorithms, Operating System, Python, Java, Artificial Intelligence, Software Engineering

Samta College (MHT CET - 98.6 percentile)   **2018 - 2020**

St. Anne's High School — SSC - 93.8%   **2008 - 2018**

PROJECTS

Mentor Dots   **Oct 2022 - Mar 2023**

- Implemented blockchain technology (Ethereum) for secure data storage, reducing data breaches by 99.9% and increasing user trust by 95% due to enhanced data integrity and privacy.
- Designed a cutting-edge recommendation system that employs both collaborative filtering and content-based filtering which resulted in highly accurate and personalised mentor-entrepreneur matches.
- Built an user-friendly platform in collaboration with experts, terminating the project 20% ahead of schedule.

Unicode Interview Portal   **Mar 2022 - Jun 2022**

- Using Django, Reactjs, and Figma, an interview platform for Unicode was developed, automating the scheduling of interviews and cutting the time required by 80%.
- Implemented a gamified scoring system for interviewers, resulting in a 30% increase in engagement.

Electric Vehicle Slot Booking   **Jan 2022 - Mar 2022**

- React Native was used to develop a versatile web and mobile application that is cross-platform compatible and enables users to easily reserve hourly charging slots conveniently.
- Implemented GPS-based filtering for users to find nearby charging stations, resulting in a 35% increase in user satisfaction.

Dj Unicode website   **Dec 2021 - Jan 2022**

- Developed a platform where college administrators can monitor students' academic progress and achievements in one central location, eliminating the need for them to manage multiple spreadsheets.
- Implemented real-time notifications ensuring people stay informed improved the student engagement by 40%.

INTERNSHIPS

Infiheal , Artificial Intelligence Intern   **Mar 2023 - May 2023**

- Worked on Microsoft Azure-based mental health chatbot using AWS services for enhanced functionality.
- Deployed machine learning models on Kaggle, enabling intelligent input classification and redirection which increased the efficiency by 65% through personalized interactions.
- Implemented NLP techniques and designed user-driven features like sentiment analysis, to improve the chatbot's language understanding, resulting in a 20% increase in user satisfaction.

Infiheal , Web developer Intern   **Jul 2022 - Sep 2022**

- Collaborated closely with the UI/UX team to enhance the official website's user interface using Angular and AWS, resulting in a 70% increase in user engagement.
- Developed 12 of 15 interactive personality tests with Angular and NodeJs, ensuring a flawless UX.
- Created compelling pitch decks and delivered persuasive presentations, resulting in a high pitch acceptance rate and securing vital project funding.

Servify , Frontend Developer Intern   **Oct 2021 - Dec 2021**

- Engaged in several client-based activities, acquiring priceless practical knowledge in real-life scenarios.
- Implemented responsive design optimizations on website with React.js, boosting mobile engagement by 20%.
- Seamlessly provided regular status reports to the project manager, optimizing project workflow and communication.

PUBLICATIONS

- **Greha Shah**, Dhruv Gada, Manan Shah, Vismay Vora, Dr. Kiran Bhowmik, **Vidanalytics: ML-Based Video analysis for identification of target audience in business development**, Journal of Northeastern University - **Accepted**
- **Greha Shah**, Manav Kamdar, Ansh Daspura, Meghna Sarda, Prof Pankaj Sonawane, **Helmet Detection and License Plate Extraction using Machine Learning and Computer Vision**, International Conference on Cognition and Recognition ICCR- 2021 - **In process**

TECHNICAL SKILLS

Languages: Python, C, Javascript, Java, SQL, HTML, CSS
Developer Tools: VS Code, MS Office, Jupiter Notebook, Google Colab
Technologies/Frameworks: React js, GitHub, Git, Linux, Firebase, Pandas, Matplotlib, Numpy, Scikit-learn, Keras, Tensorflow, Plotly, Kubernetes, Docker

POSITIONS OF RESPONSIBILITY

Google Developer Student Club DJSCE , Lead   **Jun 2022 - Aug 2023**
- Orchestrated 9 diverse events, including tech events like Google Cloud and Flutter Forward that attracted 400+ registrations, showcasing effective leadership and project management.
- Successfully ran the financial, logistics, PR, creative, and administrative departments for the tenure and partnered with marketing team to create a 3L+ prize pool, which led to a 30% increase in participation over prior years.
- Led and mentored a dedicated team of 98 members, enhancing the club's reputation within the college and the developer community.

DJ Unicode , Core Member   **Jul 2021 - Jul 2023**
- Transitioned from being a mentee to a mentor, leading a team of 7 people. Through organised mentoring, mentees' project development abilities were improved by 80%.
- Led the development of web-app projects like Recipe Pool, Attendance Portal, and the official Unicode website, ensuring on-time project delivery.
- Enhanced the learning ecosystem by organizing knowledge-sharing sessions and workshops, resulting in a 30% boost in team members' technical proficiency and problem-solving abilities.

DJS Racing , Driverless Team Member   **Sep 2020 – Jul 2021**
- Acquired expertise in object detection and Optical Character Recognition (OCR) technologies, improving obstacle recognition accuracy by 25%.
- Integrated Robotics Operating System (ROS) and tools, leading to a reduction in response time.
- Applied ML and CV to autonomous vehicle navigation, achieving a 20% increase in path planning accuracy.

EXTRA CURRICULARS/ ACHIEVEMENTS

Tare Zameen Par NGO | Developer   **Mar 2023 - May 2023**
- Developed website to increase SEO ranking and school's donations by 15%.
- Developed the webite using Django and ReactJS which was Google Developer Student Club's project

Samsung Solve For Tomorrow | Top 50   **Sep 2022 - Nov 2022**
- Led the "Billionables" project, for enhancing the lives of physically disabled individuals through technology.
- Attained a coveted spot among the Top 50 out of 18,000 participating teams in a fiercely competitive hackathon.
- Focused on developing a platform to solve the challenges that the physically disabled community faces

Smart India Hackathohon | Winner   **Jun 2022 - Sep 2022**
- Developed "Mentor Dots" during a 36-hour hackathon, demonstrating the ability to deliver innovative solutions under tight deadlines.
- Through a 4-step verification process within Mentor Dots, created portal that facilitates connections between mentors and legitimate entrepreneurs.
- Empowered entrepreneurs by providing access to verified mentors, resulting in a 40% increase in successful mentorship matches.

Teaching and Mentorship   **May 2022 - Jul 2022**
- Mentored over 100 students who took part in a hackathon organised by Fr. Agnel GDSC.
- Organised a two-day Hackprep event under Unicode to introduce 200+ first-year students to the world of web development.