Vraj Rajpura

✉ vraj.neeraj@gmail.com 📞 0553153147 📍 Sharjah, UAE in Vraj Rajpura ⌂ Vraj1234 ⌖ Portfolio

PROFESSIONAL EXPERIENCE

Training and Placements co-ordinator, SVNIT, *Surat* ✎   Sep 2023 – May 2024 | Surat
- Analysing student data and job placement statistics for a targeted approach to new recruiters. Connecting 130 students with recruiters from top MNCs such as Wells Fargo, Visa, Mastercard, etc...

Software Intern (Business Analyst Level-4), *Barclays* ✎   May 2023 – Jul 2023 | Pune
- Automated a critical component within the TTRT systems using Java, Maven, and Kafka, saving 7 hours of the team weekly.
- Utilized agile scrum SDLC methodologies to build software components for proprietary systems using tools such as Jira, Office 365 and other software project management tools

Community Manager, *Google Developer Students Clubs*   Sep 2022 – Apr 2023 | Surat
- Managed a core team of 20 batchmates and 150 juniors to host India's first-ever Shark Tank-themed hackathon.
- Led teams to build agile software-based products for ten organizations on a contract basis.

Web Developer and Content Operation Executive, TWC ✎   Mar 2021 – Jul 2022 | Surat
- Designed the website on WordPress, including APIs to automate emails for ticketing of events for over 100 participants while hosting multiple events.

Digital Marketing Intern, *Apli* ✎   Dec 2021 – Aug 2022 | Bengaluru, India
In charge of handling the Instagram handle ✎ for Apli and generating traffic on the website and testing the website for various bugs.

SKILLS

Computer Science Fundamentals: (Data Structures and Algorithms, Relational Databases Management, Object Oriented Programming.),
Programming Languages: (C,C++,Java,Python), **Front-End:** (HTML, CSS, Javascript (Beginner)),
Database Management: (MySQL,Oracle SQL,MongoDB(beginner)),
Additional: (Figma, WordPress, Adobe Premiere pro and AE, Office-365, Jira, Bitbucket, Teamcity)

PROJECTS

SWITZ, *Built Frontend for a website to sell Luxury Watches* ✎   Nov 2021 – Dec 2021
Using HTML/CSS/JS, designed and developed 15+ pages.

Rankings API ✎   Jan 2024 – Jan 2024
- Developed an API endpoint to fetch data from 100,000 rows from two tables, compute ranking and provide a dynamic webpage.

Vertex   May 2022 – Jun 2022
- Proposition for a system-wide change to bring together banks, partner companies, and students to make a robust system that benefits all three entities in terms of student loans and debt.

Hierarchical Lung disease detection, *Novel approach utilizing*   Sep 2023 – Dec 2024
clinucal taxnonomies to accurately predict 14 lung diseases ✎
- Developed three CNN-based classification models for chest Xrays at three levels and integrated them into a cohesive pipeline to give doctors a more detailed explanation for disease prediction.

MBTI Personality Prediction using twitter,   Sep 2022 – Sep 2022
Seminar Project ✎
- Built a personality predictor on the basis of the Myers Briggs Test Indicator with references from currently existing personality predictors using ML

SOAP-(Son of a peach),   Dec 2021 – Dec 2021
Profanity filter to replace swear words ✎
- Engineered a tool to replace curse words with funnier, similar-sounding words with a 90% accuracy while securing a spot in the top 50 teams in Dotslash 5.0 ✎

Future of Shopping in the Metaverse,   Aug 2022 – Aug 2022
Interactive collaborative space on hubs by mozilla ✎
- Fabricated a scene for collaborative 3D space to create a shopping experience in the metaverse.

Music Library Database Analyst 🔗   Apr 2022 – May 2022
- Led a team of 5 members to work on a music library to help suggest songs according to music genre and ratings, that are personalized to users.

Websites protoypes using Figma,   May 2021 – Dec 2023
Low and High fidelity prototypes 🔗
- Designed prototypes for many client-based/ individual projects to test the website's UI/UX.

Rating and Review system for E-Commerce Website,   Oct 2022 – Oct 2022
Northern Trust Hackathon 🔗
- Designed and implemented a comprehensive Ratings and Review System using HTML, CSS, JavaScript, MongoDB, Express, and Node.js.

Alivean, *Object detection model with Machine learning*   Jul 2020 – Present
- Working on a product which uses computer vision and helps visually impaired individuals identify various objects and relay the information through earphones.

Fintech   Mar 2021 – May 2021
- Planned for a finance app, to manage finances, specifically for those who lack financial education or do not have the time to manage their finances

EDUCATION

B.tech in Computer Science and Engineering,   Dec 2020 – May 2024 | Surat, India
Sardar Vallabhbhai National Institute of Technology, Surat
CGPA : **8.89**

All India Senior School Certificate Examination, CBSE,   Aug 2019 – May 2020 | Al Sharjah, UAE
Our Own English High School, Boys Branch, Sharjah
Grade 12: **95.6%**

AWARDS

Gold Medalist - Python Programming @Artificial Intelligence and Robotics conference,   27 Jan 2019
Ministry of Education, UAE 🔗

Winner Global Innovation Challenge, *Gems Education* 🔗   25 Aug 2019
Presented Alivean at Singularity University's Global Summit 2019 in San Franciso, California.

Winner of SHOW N' TECH 2019, *The Assembly and in5* 🔗   08 Jun 2019
Provided an elaborate solution for visually impaired people, to help ease their lifestyle using AI and ML.

EXTRA- CURRICULAR

Enthusiastic Film-maker
Directed and edited a movie, shortlisted for the Sharjah National Film Festival, based on depression, the cause of suicides and their prevention.

Video Editing head @Renesa [The Official Media and Publication House, SVNIT]
Manage a team of 5-10 video editors and designers to produce high-quality videos about the university and the Media house.

Graphic Designing and 3d Modelling
Multiple clubs in SVNIT

Avid drummer