Vivek Patel

vivek.p9737@gmail.com | phone: +91 9737564003 | linkedin: vivek9patel | github: vivek9patel | website: vivek9patel.github.io

Education

Bachelor of Technology (B.Tech.), Computer Engineering, CGPA: 9.26 *May 2022*
Pandit Deendayal Energy University - PDEU (formerly PDPU), Gandhinagar, India

Skills and Expertise

Programming Experience: JavaScript (ES6+), Python, Typescript, Data structures & Algorithms
Frameworks & Libraries: React.js, Redux, Socket.io, Peerjs, Express, Django, S(CSS), HTML5, Materialised CSS, Chakra UI
Technical Tools: Firebase, MySql, Version control - Git/Github, Figma, Canva, Chrome extensions
Environments: Linux (Ubuntu), macOS

Professional Experience

100ms - brytecam technologies, Bengaluru *April 2021 - June 2021*
Software Engineer Intern
- Created app-builder with which users can create their own customizable *no-code video-conferencing application*.
- Worked on a core npm package and tested **React** components using **StoryBook & TypeScript**.
- Improved onboarding process to *<3 seconds* by designing a Data Routing system with **Django & AWS route 53**.
- Wrote Dashboard Backend APIs in Django framework.

Webmate Web Services (thewebmate.in), Ahmedabad *June 2020 - March 2021*
Co-founder & Developer
- Founded a startup to provide affordable software and web hosting services to local businesses during the covid-19 pandemic.
- Led development team and managed day-to-day meetings with clients & potential customers.
- Worked with *20+ clients* on websites and digital marketing projects with net revenue of ₹2 Lakhs.

Projects   *all projects*

CodeConnect: a real-time collaborative code editor & compiler *link* *July 2021*
- A platform designed for technical interviews with the features of video meetings, online language compiler, and whiteboard.
- Utilized Figma to design mockups and **React.js**, **Craco**, **Tailwind** to implement components.
- Used *socket.io* and *peerjs* for real-time communication between two clients and *express.js* as a server.

Web Simulation of UbuntuOS *link* *April 2021*
- Designed and implemented a virtual simulation of the *Ubuntu 20.04* operating system using React.js and Tailwind CSS.
- Ranked **the most starred (1.6k+)** personal portfolio in all GitHub and achieved *60,000+ users* from 40+ countries.
- The project was later cited by the *official Ubuntu organization* on the social media platform.

CPU Scheduling Algorithms visualization *link* *May 2019*
- Developed a **React Native application** to visualize CPU Scheduling by displaying processes and animations.
- Implemented 8 algorithms for which it shows the processes inside CPU memory and the ready queue along with *Gantt Chart*.
- Utilized react-native-async-storage for storing and retrieving history data.

Publications

Vivek Patel[1], Kishan Rathod[2], Zeel Punjabi[3], Mohammed Bohara[4] A Real-Time Face Mask Detection-based Attendance System using MobileNetV2. *Springer Lecture Notes on Data Engineering and Communications Technologies* *Accepted - To be published*

Leadership & Extra-Curricular Activities
- Open-source project maintainer and core-contributor - *github.com/vivek9patel/vivek9patel.github.io*.
- *Executive committee member* of CodeChef student chapter, head of technical department
- Worked as a web developer in the Sports Committee, PDEU, Summer 2021
- Led teams in-house hackathons *Hack 1.0* 2018 & *Hack 2.0* 2019, and a state-level hackathon SSIP

Achievements
- Selected for the **Grand Finale round** out of 1500 teams in SSIP (Student Start-up & Innovation Policy). *July 2021 - present*
- **Runner Up,** 'Codeathon', coding competition, ENCODE - the computer science club, PDEU, Gandhinagar. *April 2021*
- **Winner**, 'Wall street mavericks', simulated stock market trading competition, PDEU, Gandhinagar. *September 2019*