

Deep Patel

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EDUCATION

Gujarat Technological University, Surat, India
Bachelor of Engineering, Computer Science and Engineering

CGPA - 9.5 / 10
Aug. 2017 – May 2021

TECHNICAL SKILLS

Languages: Typescript, JavaScript, Python, Solidity, SQL, HTML/CSS.
Frameworks: React, Node.js, Express.js, Angular, Next.js, AJAX, REST Bootstrap, Tailwind, Material-UI.
Developer Tools: Git, Docker, AWS, Serverless, Google Cloud Platform, VS Code, Jira, Jest, Playwright.
Databases: MongoDB, Redis, MySQL, PostgreSQL.

EXPERIENCE

ScryAI - Software Engineer Apr 2023 – Present
GroundX Project (NEOM) Noida, India

- Played a pivotal role in solving vulnerabilities identified in VAPT testing for the Energy demand portal (NEOM), enhancing system integrity.
- Key contributor to the GroundX project as part of the front-end team, providing leadership, guidance and support to a team of four for streamlined project execution.
- Showcased rapid adaptation and skillfulness by rectifying more than 50 high-priority bugs and implementing features within the first three months, accelerating project timelines.
- Efficiently collaborated with Backend, DevOps, QA, and UI teams for seamless integration of new features and requirements.
- Introduced a new routing strategy, necessitating a complete overhaul and revamp of the platform's main/core features. Led profound code refactor, implementing lazy-loaded modules to improve performance and load times measurably.
- Upgraded application's Angular version from 9 to 15, delivering an optimized build size, enhancing performance and user experience.

Wipiway - Fullstack/ web3 Developer Apr 2022 – Apr 2023
Quickswap, Realnifty Remote

- Led architecture design and deployment for the backend of the open-source project quickswap.exchange, the largest decentralized exchange on Polygon. Implementations using Node and Redis resulted in optimizing load time by 60%, significantly boosting performance.
- Single-handedly developed an NFT marketplace and launchpad for both physical and digital NFTs from the ground up, handling both frontend and backend tasks, exemplifying versatility.
- Implemented advanced features such as Stripe payment integration for non-web3 users, KYC management, and Pubnub chat, enhancing user experience and accessibility.
- Authored smart contracts and developed test cases, ensuring high code quality and performance.
- Provided guidance and leadership to a team of 3, fostering a productive work environment and facilitating knowledge exchange.

SanchiConnect - Frontend Engineer Apr 2022 – Apr 2023
SanchiConnect SASS, Powerpitch AI Remote

- Developed a SaaS product used by prominent startups and incubators, creating, and delivering complex systems using Angular and NgRx, including versatile profile creation and efficient meeting and calendar features.
- Implemented a dynamic filtering feature and engineered a comprehensive form builder, enhancing usability and efficiency.
- Led Power Pitch AI project, developing a video pitch recorder that supports multiple functionalities, used by over 2000 startups.
- Streamlined user experiences through features such as video embedding and sharing, feedback collection, and easy login via Google and Facebook.

Webosmotic - Software Engineer Sep 2020 – Apr 2022
Progressmaker.io, Parcelport Surat, India

- Instrumental in implementing numerous new features such as an admin panel, and a dynamic form builder capable of generating reactive forms with any input elements using JSON format, while simultaneously addressing and resolving top-priority issues.
- Leveraged D3.js to implement various data visualizations and create multiple interactive charts, enhancing user experience and engagement.
- Played a pivotal role in a managerial capacity, coordinating a team of 7+ individuals, effectively distributing tasks, mentoring interns, assisting juniors, and ensuring adherence to project timelines.
- Exhibited resourcefulness and adaptability by managing multiple projects simultaneously, proficiently switching roles between front-end and back-end technologies as needed. Demonstrated expertise in a wide range of technologies including Ionic, React Native, and D3.js.

Kmsoft - Full Stack Development Intern

Sep 2020 – Apr 2022

Goldfish

Surat, India

- Contributed to the development of web applications and prototypes for both internal tools and external client projects, utilizing Angular and Node.js, demonstrating early commitment to full-stack development.

PROJECTS

Quickswap | *React, Node.js, Redis, AWS, GraphQL, Solidity*

Aug 2022 – Apr 2023

- Devised front-end and back-end microservices for the trading competition feature within QuickSwap's open-source codebase, effectively integrating key functionalities.
- Engineered a back-end microservice using Node.js and TypeScript, complemented by Redis caching implementation. This novel integration improved response time by 60%, significantly enhancing the user interface and user experience.
- Orchestrated a successful migration of the front-end application to adapt to endpoints from microservices, consolidating system compatibility and streamlining operations.

RealNifty | *Next.js, React, Redux, Tailwind, Ether.js, S3, Cloudinary, Solidity, MongoDB*

Jun 2022 – Apr 2023

- Led the creation of an NFT marketplace and launchpad for both physical and digital NFTs, uniquely managing both front-end and back-end development processes.
- Incorporated advanced features such as Stripe payment integration for non-web3 users, KYC management, and Pubnub chat, significantly optimizing user experience and accessibility.
- Authored smart contracts and conducted unit test case development in jest to ensure the highest level of code quality and performance.
- Played a key role in guiding a team of 3 members, promoting a conducive work environment and knowledge sharing.

SanchiConnect SASS | *Angular, NGRX, Bootstrap, VideoSDK*

Jun 2022 – Apr 2023

- Developed a SaaS product adopted by prominent startups and incubators such as T-Hub and IIM Lucknow, providing a platform for efficient incubator management.
- Led end-to-end development of the product from scratch using Angular and NgRx for frontend development, showcasing adeptness in creating complex systems.
- Implemented features to efficiently create and manage meetings and calendars, allowing users to easily manage their availability.
- Created a fully dynamic form builder capable of generating reactive forms with validations across various input fields including file uploads. Further streamlined the user experience by allowing real-time form previews during creation.
- Engineered a feature allowing the creation of multiple profile types using a single email, with the added flexibility of swift profile type switching which includes Startup, Investor, Mentor, Service Providers, and Corporates.
- Developed a dynamic filtering feature that generates custom filters based on backend-provided JSON configs. This capability enables users to save, apply, and edit filters for efficient identification of desired startups or investors.

PowerPitch AI | *Angular, NGRX, bootstrap*

Jun 2022 – Apr 2023

- Developed a video pitch recorder now utilized by over 2000 startups, integrated with the SaaS platform. The recorder supports multiple functionalities such as recording by topic, teleprompter script display, and showcasing charts and images in the video.
- Implemented an embedding feature enabling users to easily propagate videos created on the platform across various mediums.

- Focused on community feedback, introduced a feature offering users the ability to share videos and acquire valuable feedback from investors and stakeholders, fostering constructive discourse.
- Prioritized user convenience by implementing login functionality through Google and Facebook, simplifying the login experience for users.

AI Chatbot | *React, TailwindUI, Nodejs, OpenAI APIs*

Oct 2023 – Oct 2023

- Designed a user-friendly UI for the chatbot using React, complete with collapsible features and keyboard shortcuts for easy access.
- Integrated with OpenAI's GPT-based model, ensuring seamless interaction between user messages and AI responses.
- Incorporated a typing effect on the UI to indicate when the AI is formulating a response, enhancing user engagement.
- Made user-AI interactions more fluid by suggesting quick-reply actions after each interaction.

In memory DB | *Go Lang*

Aug 2023 – Aug 2023

- Developed an in-memory database in Golang, demonstrating understanding and application of low-level data handling.
- Integrated functionality for common CLI commands such as 'get', 'put', and 'delete', drawing inspiration from Redis for command structure and behavior.