

KALPIT JAIN

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EDUCATION

Jaipur Engineering College and Research Centre

Bachelor of Technology in Computer Science Engineering (8.2 CGPA)

November 2020 - June 2024

Jaipur, India

Warren Academy School

Class XII (87.4%)

April 2018 - March 2019

Jaipur, India

WORK EXPERIENCE

Software Engineer Intern

Microsoft India (R&D)

April 2023 - June 2023

Noida, India

- Led the development of an intelligent **Co-Pilot Chatbot**, harnessing **Azure OpenAI** and **Semantic Kernel** technologies to enhance user planning activities.
- Designed and implemented the user interface (UI) for the chatbot, utilizing **React** and **Typescript**, and built a robust **Web API** using **C#** and **.NET framework** for seamless backend integration.
- Leveraged **Prompt Engineering** to create highly effective **semantic skills** enabling users to **access to documentation**, **streamline data analytics**, and efficiently manage **authorization** and **provisioning**.
- Developed an advanced **Planner** that intelligently selects the most appropriate semantic skill based on multiple contexts and user queries, optimizing user interactions.

PROJECTS

Zenoway

[Website](#) | [GitHub](#) | [Demo Video](#)

December 2022 - March 2023

- Zenoway is a **decentralized social media** platform providing users with **copyright resistance, transparency, data ownership, privacy**, and **pseudo-anonymity**.
- Empowers users to **connect and engage** by facilitating the creation and sharing of posts, along with the capability to like and follow one another.
- It extends **support to over five EVM-based blockchains**, thereby enabling greater **enhancing scalability and interoperability**.
- Developed the frontend with **React**, while harnessing **ethers.js** for backend interaction. Data storage achieved through **IPFS and Pinata**, with deployment on **Fleek** for complete decentralization.

FaceWeb

[Website](#) | [GitHub](#) | [Demo Video](#)

April 2022 - May 2022

- Created a website using HTML, CSS, JavaScript, Node.js, and **Face API** focusing on advanced facial recognition with 5 key points.
- Implemented a secure **Two-Factor Authentication (2FA) login system** using facial recognition for enhanced account security.
- Created a user-friendly **Attendance Tracking System** using facial recognition technology, making attendance management easy for schools, businesses, and events.
- Expanded functionality to include **Payment Processing and Object Detection**, making it a tool for multiple applications.

TECHNICAL SKILLS

- Programming Languages:** JavaScript, Java, HTML, CSS, Solidity
- Frameworks/Libraries:** React.js, Node.js, Express.js, Ether.js, Bootstrap
- Developer Tools:** Git, GitHub, REST API, Postman, Semantic Kernel, LangChain, Prompt Engineering, Generative AI, OpenAI
- Cloud/Databases:** MySQL, MongoDB, Azure

ACHIEVEMENTS

- Achieved **victories in all three seasons of the UR Hackathon**, performing exceptionally well in the tough competitions.
- Emerged as the **victorious** team in the **DAppAthon** competition, we proudly secured first position in the **Shardeum track**.
- Secured the **top spot in the IPFS/Filecoin** track, emerging as the winners in the **Buidl for the Future** Hackathon.