SIDDHARTHA UPASE

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SUMMARY

Exhibits a **reliable 5-year track record** in spearheading mobile app and game innovation, solidifying a robust presence in the software development landscape. Possesses advanced **proficiency with full-stack technologies** such as **React, MongoDB, PostgreSQL, Flask**, and **OpenAI integration.** Has successfully engineered **several LLM applications**, leveraging **OpenAI and Llama 3.1,** to amplify product functionality and enhance the end-user experience.

SKILLS

- **Front-end Development:** React, HTML, CSS, JavaScript, Angular, Vue.js
- **Back-end Development:** Flask, Django , Java, PHP, Node.js, C#
- **Mobile Development:** Flutter, Swift, React Native, Unity

WORK EXPERIENCE

Founder   **Jan 2023 - Mar 2024**

Funzy (Chicago, IL, USA)

- Successfully **launched Funzy, a Kids Educational app**, achieving over **7000+ organic users** by conceptualizing, designing, and developing the app, which fosters problem-solving skills among children aged 3-5.
- Received the **prestigious Teacher's Approval Badge** on the **Play Store** from **Google**, recognizing the app's educational value and adherence to **quality standards** set for children's learning applications.
- Developed **over 15 engaging games** from scratch using the Unity game engine and **C#**, implementing various gameplay mechanics and interactive features to enhance educational content delivery.
- The success and market potential of Funzy were underscored by its **acquisition by a prominent gaming studio** in India in May 2024.
- Implemented **AWS cloud services** for seamless hosting of app updates, ensuring **uptime** and facilitating a **20% faster release cycle** for new features.
- Link to the App: https://linktr.ee/supase.funzy

Software Developer   **Jan 2023 - Jun 2024**

Iconsense Lab (Chicago, IL)

- Successfully **developed a Mixed Reality application** for Microsoft's Hololens, aimed at assisting construction supervisors in navigating complex sites from confined spaces by **leading the project from inception to completion**, demonstrating a comprehensive project management and technical expertise.
- Enhanced efficiency for construction supervisors by **designing and implementing an innovative navigation solution** within the application, which significantly improved **spatial awareness** through the integration of advanced **spatial mapping algorithms**.
- Utilized **the Mixed Reality Toolkit in the Unity development environment** with a high level of proficiency, which was pivotal in creating a highly interactive and **user-friendly application interface**, enhancing the overall user experience.

PROJECTS

ResumeGenie   **Sep 2024 - Present**

https://www.resumegenie.tech/

- Developed and shipped an **AI-driven resume generator** utilizing **React**, **Tailwind CSS**, and **Flask** for the backend, demonstrating a comprehensive skill set in full-stack development and AI integration.
- Successfully **deployed the MVP within a week** and achieved rapid user acquisition, with over **50+ users** from the university engaging with the tool in the initial week, showcasing significant market validation and user interest.
- Implemented advanced machine learning techniques by **fine-tuning OpenAI models** to compose professional resume content, emphasizing proficiency in AI integrations and adaptive technology utilization.
- Video Demo: https://youtu.be/830kF3HCtoM

Tero AI   **Jan 2024 - Jul 2024**

http://teroai.tech/

- **Engineered a state-of-the-art Minimum Viable Product (MVP)** utilizing **Flutter, MongoDB,** and **Flask**, which substantially heightened productivity for SDRs and email marketers by delivering customized email sequence creation tools that amplify marketing campaign success.
- **Implemented comprehensive user research**, executing 7 meticulous interviews with Sales Development Representatives to glean critical insights, which were pivotal in fine-tuning our product's offerings to precisely meet the user demands.
- Incorporated **cutting-edge Large Language Models** such as **OpenAI** and **Llama 3.1** into our MVP, markedly refining the caliber of automated email copy, elevating the product's value proposal in the competitive tech landscape.
- Presented the product at the prestigious **DevFest Conference at the Google HQ Chicago**