

SIDDHARTHA UPASE

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SUMMARY

Exhibits **4-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, Flutter
- **Back-end Development:** Flask, Django, Node.js, C#
- **Mobile Development:** Flutter, Swift, React Native, Unity

EDUCATION

Illinois Institute of Technology (Chicago, IL, USA)

Jan 2023 - Dec 2024

Masters of Science in Computer Science | GPA: 3.75

WORK EXPERIENCE

Full Stack Developer

Jan 2025 - Present

Tasker AI- YC 2020 (San Francisco, CA)

- Developed **AI-powered browser agents** that perform real-time screen analysis and automate modifications, enhancing user interaction and efficiency.
- Successfully built and deployed **end-to-end Firebase applications**, leveraging **Vanilla HTML, CSS** for frontend design, and **Firebase Cloud Functions** with **Node.js** for backend operations, improving application performance.
- Implemented **GitHub Actions** to automate deployment processes, which led to a streamlined **CI/CD workflow** and minimized release-related errors, optimizing overall project delivery.
- Contributed to a **high-speed startup environment** by developing scalable and intelligent solutions that facilitated rapid growth and adaptability in automation technologies.

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>

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 **70+ users** from the university engaging with the tool in the initial week, showcasing significant market validation and user interest.
- Fine-tuned **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 Minimum Viable Product (MVP)** utilizing **Flutter, MongoDB**, and **Flask**, which substantially heightened productivity for SDRs and email marketers by delivering hyper personalized outbound emails at scale, which amplifies their marketing campaign success.
- Incorporated **Large Language Models** such as **OpenAI models** and **Llama 3.1** into our MVP, elevating the product's value proposal in the competitive tech landscape.
- Presented the product at the prestigious **DevFest Conference at the Google HQ Chicago**
- **Demo Video:** <https://www.youtube.com/watch?v=rvHO3NSTR0g>