SIDDHARTHA UPASE

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SUMMARY

Boasts a **3-year track record** in **web platforms**, **mobile apps**, and gaming, solidifying expertise in software engineering. Experienced in cutting-edge **full-stack technologies like React, MongoDB, PostgreSQL, Flask**, and integrating **LLMs from OpenAI, Anthropic, and Grok utilizing Langchain and Langraph**. Currently serving as a **Full Stack Developer at Tasker AI (YC 2020)**, designing and deploying **intuitive AI browser agents** with **vanilla JavaScript, NextJS, Puppeteer and Express**.

SKILLS

- **Front-end Development:** React, Flutter, HTML, CSS
- **Back-end Development:** Flask, Django , Node.js, C#
- **Mobile Development:** Flutter, Swift, Unity, React Native
- **Frameworks:** NextJS, Firebase Applications

WORK EXPERIENCE

Full Stack Developer   Jan 2025 - Present

Tasker AI -YC 2020 (San Francisco,CA)

- Spearheaded the development of **cutting-edge AI browser agents** at Tasker AI, **seamlessly integrating vanilla JavaScript, Next.js, Express, and Puppeteer** for robust front-end, back-end, and browser interaction components. Leveraged **advanced JavaScript frameworks** to build **highly** responsive and scalable user interfaces, while utilizing **Node.js and Express** to develop **efficient and secure server-side logic**.
- Harnessed cutting-edge technologies like **LangGraphs and LangChain** to significantly enhance decision-making capabilities of browser agents, enabling them to deliver **highly accurate and intelligent responses**, resulting in optimized performance.
- Deployed and managed cloud functions on **Google Cloud Platform (GCP)**, leveraging **scalable infrastructure** and **serverless computing** to ensure high availability and efficient resource utilization.
- Orchestrated **Docker containerization**, streamlining deployment processes and enabling **accelerated iteration cycles**, enhancing overall development productivity.

Founder   Jan 2023 - Mar 2024

Funzy (Chicago, IL, USA)

- As the **sole founder**, conceptualized, designed, and **developed Funzy using Unity and C#**, a Kids Educational app fostering problem-solving skills among children aged 3-5, achieving **over 7000+ organic downloads** upon launch.
- Received the prestigious **Teacher's Approval Badge** from **Google**, recognizing educational value and adherence to quality standards.
- **Developed 15+ engaging games from scratch**, implementing **design patterns and gameplay mechanics** to enhance educational content delivery while ensuring **high engineering productivity**.
- Spearheaded the **porting of Funzy to native iOS and Android apps**, substantially enhancing user experience with an **average play time of 9.5 minutes**, and driving **30% higher engagement rates**.
- The app was acquired by a leading Indian gaming studio in May 2024, underscoring its **market viability**.
- Link to the live app: https://play.google.com/store/apps/details?id=com.upases.funzy2&hl=en_US

EDUCATION

Illinois Institute of Technology (Chicago, IL, USA)   Jan 2023 - Dec 2024

Masters of Science in Computer Science │ GPA: 3.75

Coursework: Advanced Machine Learning, Advanced Web Apps, Deep Learning

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
- **Fun fact:** this resume was created using Resume Genie itself.