Sethu Senthil

US Citizen

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EDUCATION

The Pennsylvania State University (Graduation 2025) — University Park, PA
Bachelor of Science in Computer Science — *Aug. 2021 – May 2025*
- Super Scholar Award & part of the Undergraduate Research Program
- Relevant Course Work: Systems Programming, Data Structures & Algorithms, Networking, Software Design Methods
- Minors: Engineering Leadership Development, Cybersecurity Computational Foundations

EXPERIENCE

Software Engineer Intern — May. 2024 – Aug. 2024
AccoAI — *Cupertino, CA*
- Engineered AI-driven accounting features using Python, React, Next.js, Google Cloud, Docker & LLM Technologies

Founder & CEO — June 2023 – Present
Vibin LLC — *North Brunswick, NJ*
- Founded a software company to consolidate and scale my highly successful side projects boasting millions of active users

Software Quality Engineer Intern — Jun. 2022 – Nov 2022
IPC Systems — *Jersey City, NJ*
- Built a code review tool from the ground up utilizing full stack modern tech: React, NodeJS, Ansible, Web Sockets
- Engaged in collaboration with off-site teams to seamlessly incorporate tooling with other internal systems
- Developed scripts to interface legacy systems to work with modern technologies

Student Researcher — Sep. 2022 – May 2023
The Pennsylvania State University — *PA*
- Developed immersive AR warehouse simulation (WebXR) with SQL-driven route optimization, awarded 3rd place in university research showcase with Dr.Ozden

Software Engineer Intern — Jun. 2020 – Sep 2020
Zoobook Systems LLC — *Perth Amboy, NJ*
- Created a onboarding platform & role-based authentication system using Firebase & Google Cloud, Node js, React

PROJECTS

SaveTok | *iOS & Android Mobile Application | React Native, Node JS, Firebase*
- Over **8 Million Active Users** and 79k Ratings & Top-Grossing featured #13 on the App Store
- Used by top brands & celebrities such as Foot Locker, Kim Kardashian (KKW Beauty) & Jason Derulo
- Independently designed and managed API infrastructure to process and facilitate terabytes of data transmission

Live Minder | *iOS & iPadOS Application | Flutter, Swift, TypeScript, Generative AI*
- Gained global recognition with widespread international coverage, including Germany and France
- Implemented cutting-edge Generative AI integration for intelligent reminders and to-do creation. Developed a novel technique, enhancing output quality while significantly reducing costs

Dominoes Pizza Logistics Forecasting Tool | *Capstone Project through Penn State | Node JS, Power BI, TypeScript, React*
- Built a forecasting tool to optimize logistics, close data gaps, reduce shipping costs, and enable cost analysis

Other Notable Projects | *Additional projects with 100k+ users on my website and Github*
- TikMoji (iOS & Android Game) **:** Featured #42 on App Store top charts within 2 days of release
- Copy for ChatGPT (Browser Extension) **:** Over 35k users + hundreds of daily installs & open source
- StickPic (iOS App) **:** #17 on App Store, custom CoreML algorithms for computer vision and image manipulation

TECHNICAL SKILLS

Languages: Javascript (ES11), Typescript, HTML/CSS, Java, Python, Go, Swift, Bash, Dart, SQL, Rust, C/C++
Frameworks: React, Next.js, React Native, Node.js, Flutter, Android, Svelte, Deno, Swift UI
Developer Tools: Git, Linux, VS Code, Xcode, Android Studio, CI/CD, Docker
Other: Firebase (Firestore DB, Analytics, Realtime DB, Auth), Google Cloud Platform, SEO, LLMs

CERTIFICATIONS

Machine Learning with Python | *FreeCodeCamp* — Mar 2023