SID VERMA

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WORK EXPERIENCE

Consultant   **Jan 2020 - Present**
Software development + Sysadmin services, Academic Tutor

– Developed foundational MVPs for early-stage startups.
– Client & project management, recruitment, software and infrastructure development for larger consultancies.
– Significant output is open-source, with a majority of it going towards the OpenEdx project.
– Taught software development courses to beginners in programming.

Tower Research Capital   **Sep 2017 - Mar 2019**
Software Engineer · Go, JS, Python, VueJS, Django, Kafka, Elastic, Neo4J

– Developed a unified monitoring and alerting system, to be used by all other applications across teams.
– Oversaw development of tools to visualize the complete infrastructure (physical and logical) at different levels.
– Rewrote the central automation framework to be very generic and extensible.
– Built services for enhancing and automating various workflow processes in the organization.
– Drastically improved services and APIs performance of the core platform.
– Wrote APIs and developed UIs for various internal products across the organization.

CultureAlley   **Jun 2015 - Sep 2017**
Software Engineer · JS, Python, C, Java, Electron, Android

– Built a speech recognition + grading system for multiple platforms - servers, web-browsers, and mobile apps.
– Rebuilt a large dynamic web-app into an offline electron application and a PWA simultaneously, while ensuring complete code reusability between the two.
– Designed and built a very cost-efficient and fast social news-feed platform.
– Introduced and set up automation pipelines for testing, deployment, and rollbacks across all apps.
– Developed a chatbot platform and an accompanying user-friendly grammar for teaching foreign languages.
– Wrote data aggregation services, browser extensions, IVR platforms, and several Android modules.

SKILLS

Go, Python, JavaScript, Web, Docker, Java, C, Android, Web search

EDUCATION

Jaypee University of Engineering and Technology - B.Tech, Computer Science   **2012 – 2016**

OTHER PROJECTS

Odyssey - Terraform modules to completely manage all containers, users, DNS records, firewalls, and more for personal infrastructure (in on-prem and cloud-based servers).

Plumbie - In active development, a platform to connect different third-party apps and services in pipeline form, à la an easily extensible self-hosted IFTTT.

SublimeInput - A plugin for Sublime Text which gives STDIN input to programs directly from the editor with a single keystroke.

Noiseless AMA - A web-app which presents Reddit AMAs in a linear Q/A format, removing noise from the threads.

i2a - A utility for viewing any image as ASCII art (grayscale of 256-colored) in the terminal.