SIDDHARTHA VERMA

PHONE ▮▮▮▮▮
EMAIL me@sidverma.io
GITHUB @mavidser
WWW sidverma.io

WORK EXPERIENCE

Software Engineer   **Tower Research Capital**   **Sep 2017 – Mar 2019**

- Developed a unified monitoring and alerting system, to be used by all other applications. *Go, JS, Kafka*
- Developed tools to visualize the complete infrastructure (physical and logical) of the company. *Go, JS, Neo4J*
- Rewrote the automation framework to be very generic and extensible. *Python, Django*
- Built services for enhancing and automating various workflow processes in the organization. *Python*
- Developed processes and flows to increase the transparency and availability of services. *Go, Python, Shell*
- Drastically improved services and APIs performance of the core platform. *Go, Python*
- Worked on various internal products across the organization. *Go, Python, JS, Elastic*

Software Engineer   **CultureAlley**   **Jun 2015 – Sep 2017**

- Designed and built a very cost-efficient aggregated social news feed platform. *JS*
- Developed a chatbot platform with regex-like grammar for teaching languages correctly. *JS*
- Built a speech recognition/grading platform for multiple platforms – Server, browser, mobile. *C, Java, JS*
- Introduced and set up automation pipelines for testing, deployment etc. across all apps. *Python, Shell*
- Rebuilt a large dynamic website into an offline electron application and a progressive-web-app simultaneously, while ensuring complete code reusability between the two. *JS*
- Created a learning platform using IVR calls, data aggregation services and browser extensions. *Python, JS*

Software Engineering Intern   **Smallcase**   **Nov 2015 – Jan 2015**

- Built a web-based stock screener from scratch. *JS*
- Wrote wrapper libraries for frequently used third party APIs. *JS*

SKILLS

Go, Python, JavaScript, Containers, Web, Java, C, Android, Searching the web

EDUCATION

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

OTHER PROJECTS

Odyssey - Personal infrastructure (on physical and cloud servers) running completely on Docker, managed using Terraform and Ansible to easily reproduce and inspect. *Terraform, Shell, Ansible*

Plumbie - In development right now, is a service to connect various third-party apps and services, à la an open source and extensible self-hosted IFTTT. *Go, JS*

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

Noiseless AMA - A web-app which presents Reddit AMAs in Linear Q/A format, removing the noise in the threads. *JS*

I2a - A utility for viewing any image as ASCII art (grayscale of 256-colored) in the terminal. *Python*