PRANAV JOGLEKAR

TECH-TINKERER AND OPEN SOURCE ENTHUSIAST

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Writing code is like solving a puzzle - You have different pieces(the language syntax) and you need to put these pieces together correctly to solve the problem. Fascinated by technology and love building solutions to real life problems using it.

DEGREE

Bachelor Of Technology | 2017 - 2021
College of Engineering Pune

WORK EXPERIENCE

Software Engineer II - Postman

- Built **Postman's Secret Scanner** - a product which informs users when their passwords, tokens & secrets are leaked on Postman. The scanner handles **200+** scans per second and has found more than **1,00,000** secrets till date.
- Created **Postman Vault** - A **local** first **encrypted** storage solution to store users API Keys & Authorizations tokens safely.
- Worked with **Azure**, **1Password**, **AWS** and **HashiCorp** teams to develop Postman **Vault Integration** allowing users to use secrets stored in external sources.
- These features are used by **100000+** users and have brought in **1 Million + ARR**.
- Developed **Client Side Scanner** to scan entities for secrets locally in less than 10ms using **WebAssembly.**

Founding Engineer - Camify

Camify is an early stage startup building a product to allow users to multi-stream and multi-chat to multiple streaming platforms

- Developed an desktop app using **React & Electron** in **3** months.
- **Reverse engineered** messaging protocols of various **streaming** services like **Twitch** to integrate them into the consolidated app.
- Set up a **RTMP** based streaming service using **ffmpeg** & **nginx** to duplicate and split streams.

Founding Engineer - StampMyVisa

StampMyVisa helps travellers with obtaining their visas, by helping them navigate the complex web of requirements, using cutting edge technology

- Worked as an **interim CTO** for a year, managing the team & setting up tech processes to ensure the startup succeeds.
- Designed the **architecture** from scratch - System Design, DB Designs, Technologies, Devops & SRE.
- Worked across the stack to build a **prototype** of the website in **3 months** along with a team of 4

Consultant - Nanostuffs

- Set up **automated scripts** to process images, upload them to **S3** and **synchronize** tasks between **EC2** instances using a **mongoDB cluster**.
- Built and deployed a highly scalable ML solution for distinguishing between **spam** and **important** messages, and classifying the important messages into more categories, as per client requirements.
- Built **scrapers** for **50+** websites.

PROJECTS

scap - *A Rust library for high-quality screen capture that leverages native OS APIs for optimal performance. Acquired by Cap for 10k+ USD*

Linux From Scratch - *Built a Linux OS from Scratch. Learned about linux internals, build tools, how an OS functions*

VPN From Scratch - *Built a VPN from scratch to understand the linux networking & routing stack*

chess-engine - *A Go based tiny chess engine capable of playing chess with humans*

gmail-otp-fetch, **colab-tool** (Miro x Trello), **captcha-for-blind**, **Notion for Alexa**, **BVN Yoga Asanas** (Flutter App), **SMTP client** and **more...**

SKILLS

- **Languages:** TypeScript, Node, Python, Go, Rust
- **Web:** HTML, CSS, React, Redux, Express, WebGPU, WebRTC, WASM, Gin, Next, Spring,
- **Database:** MongoDB, MySQL, DynamoDB
- **Miscellaneous:** vim, nginx, linux, bash, WebScraping, OpenCV, Electron, Alexa, AWS, GCP
- **Tools:** git, Burp, Metasploit, Nmap, Fuff, sqlmap, ab, Figma

EXTRA CURRICULAR

- **Open Source** contributions at **Zulip**, **Mirrorful**, **outline** and **more** projects
- **Speaker** at **CoEP FOSSMeet**
- **Finalist** at SIH 2020 & **Winner** of SIH Internal, Bajaj HackRx, StackHack1.0 and RFFR Video Conferencing **Hackathons**
- **Technical Contributor** at **BfE**