

# VARUN SHRIVASTAVA

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GitHub | Blog | Linktree | LeetCode | LinkedIn

## EDUCATION

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**Indian Institute Of Information Technology, Pune**  
B.Tech, Computer Science and Engineering.  
8.76 CGPA

Pune, India  
Dec 2020 - July 2024

## EXPERIENCE

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### Groww | SDE Intern

Bengaluru, India | Jan 2024 - June 2024

- Contributed to multiple campaign and SEO improvements, including the successful deployment of Reward Campaign Dashboard and IPO Widget on Groww Blog Pages, receiving around **50k+** clicks.
- Migrated the entire internal tool's code-base styling library to in house (Groww UI-Toolkit).
- Revamped the entire architecture of NARAD, a comprehensive consumer engagement platform tool, used to send push notifications, feed .etc to around **5M+** Groww users.

### Zenskar | SDE Intern

Remote | Sept 2023 - Dec 2023

- Worked on enhancing the communications module (sending emails). Migrating from HTML Editor to Lexical Editor to send emails to clients from Zenskar Dashboard.
- Implemented Trigger Based Approval and Dunning communication alerts for Zenskar customers.

### Wikimedia Foundation | Google Summer Of Code Student Developer

May 2023 - Aug 2023

- VideoCutTool is an open-source, on-the-go video editing tool, as one can directly copy the link of the video from the Wikimedia Commons (common repository to store open source multimedia), and edit it online, without having to download and re-upload.
- Revamped the tool's infrastructure, stabilising it to support huge traffic using **BullMQ**, reducing local development time by almost **60%**, re-designing the tool, and adding new features.
- **My Contributions | Tool URL**

## SKILLS

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Programming Languages: Python, JavaScript, TypeScript, C++  
Libraries/Frameworks: React, NextJS, VueJS, Node, Express, Flask, WebSockets, Redux, Zustand  
Tools / Platforms: Git, Docker, OpenCV, FFmpeg, Latex  
Databases: PostgreSQL, SQLite, MongoDB, MariaDB

## PROJECTS

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### FastTyper | Link

React, Node, Express, PostgreSQL, WebSockets

- FastTyper is a multi-player speed typing game, where users type a paragraph or text, and are ranked according to their WPM (Word Per Minute).

### Face Recognition System | Link

Python, OpenCV, Qt6

- A GUI Application, which uses facial recognition to access dashboard. Captures the users face using the camera, and train the model accordingly.

## OPEN SOURCE CONTRIBUTIONS

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### ToolWatch | Link

Python, Flask, Jinja

- ToolWatch checks the health status of various tools present in Wikimedia organization, and displays them in a user-friendly UI.

### Wiki Year in Review | Link

VueJS

- Year in Review is a project aimed at celebrating the statistics and achievements of Wikimedia contributors over the past year.

### Mastodon | Link

TypeScript, Scss

- Worked on fixing minor issues on the official Mastodon project homepage, and enhancing accessibility.

## ACHIEVEMENTS

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CS Department Rank 1 (2020-2022)

Participated in various hackathons, including Wikimedia Hackathon 2024 in Talinn, Estonia

Qualified Google Summer Of Code 2023, Google HashCode 2022.

Solved over 500+ Data Structures and Algorithms questions on coding platforms.