

# 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

Pune, India  
Dec 2020 - July 2024

## EXPERIENCE

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### Groww | SDE Intern

Bengaluru, Karnataka, India | Jan 2023 - Present

- Enhancing the customer experience, and the SEO scores (with SSR) on Groww website. Provided a clean dashboard for operatives to send rewards (on Groww Pay) to users.
- Migrated the entire internal tool's code-base styling library to in house (Groww UI-Toolkit).
- **Skills:** React, TypeScript, NextJS, Redux/Zustand

### Zenskar | SDE Intern

Remote | Sept 2023 - Dec 2023

- Zenskar is a Quote-to-cash platform, automating complex subscription and usage-based billing etc.
- Worked on enhancing the communications module ( sending emails ).Migrating from HTML Editor to Lexical Editor to send/type emails to clients from Zenskar Dashboard. Implemented Trigger Approval and Dunning communication alerts for customers.
- **Skills:** React, TypeScript, Storybook, Tailwind

### 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.
- Worked on revamping the tool's infrastructure, stabilising the tool to support huge traffic using BullMQ, reducing local development time by almost 60%, re-designing the tool, and adding new features.
- **Skills:** Node, Express, PostgreSQL, React, JavaScript, Docker. | [My Contributions](#) | [Link](#)

## SKILLS

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Programming Languages: Python, TypeScript, C, C++  
Libraries/Frameworks: JavaScript, React, Node, Express, Flask, WebSockets,  
Tools / Platforms: Docker, OpenCV, FFmpeg  
Databases: PostgreSQL, SQLite, MongoDB

## 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.

### 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 2023/24

Qualified Google Summer Of Code 2023, Google HashCode 2022.