

SHASHWAT KHANNA

shashwatkhanha312@gmail.com

Website [↗](#) | GitHub [↗](#) | StackOverflow [↗](#) | LinkedIn [↗](#)

EDUCATION

Indian Institute of Information Technology, Pune
Bachelors in Computer Science

CGPA: 8.78
December 2020 - July 2024

EXPERIENCE

ClearFeed | SDE INTERN May 2023 - Oct 2023

Tech Stack: NextJS, NestJS, Typescript

- Worked on integrating Slack better with external services, including Jira, Github, etc
- Implemented two-way sync between Intercom and Slack from scratch

Wikimedia Foundation | GOOGLE SUMMER OF CODE INTERN May 2023 - Aug 2023

Tech Stack: Javascript, React, Ruby on Rails

- Used Figma to design mockups for new user interface for interacting with Article Scoped Programs
- Simplified the user experience for tracking a specific set of articles from Wikipedia

Wikimedia Foundation | GOOGLE SUMMER OF CODE INTERN May 2022 - September 2022

Tech Stack: Javascript, React, Ruby on Rails

- Reduced the bundle size by over 15% while also reducing the build times by 30%(production) and 50%(development)
- Migrated to Istanbul from JSCover for more accurate Javascript test coverage.
- Implemented Hot Module Replacement for React by writing a Rails proxy

SKILLS

Programming Languages:	Python, JavaScript, TypeScript, Rust, Java, C/C++
Libraries/Frameworks:	React, Express, Ruby on Rails
Tools / Platforms:	Git, Unix, Node, Docker
Databases:	MariaDB, MongoDB

PERSONAL PROJECTS

SlickChat [↗](#) *React, Express, Typescript, Socket.io, Postgresql*

A real time group chatting application powered by Web Sockets. Supports local authentication, real time updates, notifications, and infinite scrolling among other things

Snap Squeeze [↗](#) *C++, WebAssembly, Javascript*

On-device image compression using Singular Value Decomposition implemented in C++ and then compiled for the Web using Emscripten

JSON Parser [↗](#) *C#*

A spec compliant recursive descent JSON parser written from scratch in C#

OPEN SOURCE CONTRIBUTIONS

Prettier Lichess [↗](#) *CSS, Javascript*

An open source browser extension for Chrome/Firefox that styles the Lichess website - "It's lichess, but prettier"

Lichess [↗](#) *Scala, Typescript, Snabbdom*

lichess.org: the forever free, adless and open source chess server

Wiki Edu Dashboard [↗](#) *React, Ruby on Rails*

A web app used to track contributions and edits to Wikipedia articles, among other things

HONORS & EXTRACURRICULAR

- School Topper in Class XII
- Often found answering(and asking!) questions on StackOverflow [↗](#)