

SHUBHAM GUPTA

☎ (+91)-8839067903 ✉ shubham.gupta2956@gmail.com  [shubhamgupta2956](https://www.linkedin.com/in/shubhamgupta2956)  [wryonik](https://github.com/wryonik)

Education

Bachelor of Technology, Civil Engineering

Jun 2018 – May 2022

Indian Institute of Technology, Roorkee

Experience

Triomics Healthcare Private Limited

June 2022 – Present

Full-Stack Software Engineer

- Oversaw the development of all web-based frontend applications and 2 Flutter applications.
- Migrated all frontend applications from Webpack to Vite, decreasing build time by 74%.
- Built browser extensions to assist external data capture integrations.

Kyverno (LFX Mentorship)

Mar 2022 – May 2022

LFX Mentee

- Completed CNCF TAG Security Self-Assessment for Kyverno to achieve SLSA level 3 compliance.
- Improved the OSSF Security Scorecard results of Kyverno from 5.5 to 7.1.
- Integrated static analysis and dependency update tools in CI/CD workflow.

Triomics Healthcare Private Limited

May 2021 – Dec 2021

Full-Stack Software Engineer (Internship)

- Collaborated with the core founding team during initial stages and interviewed several full-time candidates
- Designed CI/CD pipeline for automatic deployment, saving developer time by 90%.
- Engineered a custom design system library atop Material UI and Ag-grid containing 35+ components.

Rephrase.ai

Jan 2021 – Mar 2021

SDE Internship

- Integrated advanced analytics for all the campaigns using Google Analytics and Google BigQuery.
- Improved FFmpeg based video generation pipeline, resulting in a 40% reduction in corrupted videos.
- Integrated E2E testing to the CI/CD pipeline.

Vestate

Nov 2020 – Dec 2020

SDE Internship

- Spearheaded the portal development and setup initial infrastructure for the applications.
- Introduced REST API, MongoDB aggregation pipelines and JWT based authentication system.

Powerplay (Coffer Internet Services Pvt. Ltd.)

Jun 2020 – Aug 2020

Software Development Engineer (Internship)

- Developed 6 features from scratch, including user activity, threads, and organisation-level report generation.
- Generalized the process of pdf formation for more than 20 types of documents.
- Created scripts for generating user analytics data.

Projects

Beast | *Automated CTF challenges deployment and management tool.*

May 2019 - May 2022

- Developed core pipeline for the deployment of containerised challenges.
- Devised health probe for challenge containers.
- Implemented sidecar architecture for optimising stateful workloads decreasing average resource consumption by 80%.

Technical Skills

Languages: JavaScript, TypeScript, Golang, Dart, Python, Java, C++, Bash, SQL, PHP, Git

Software Packages: ReactJs, Flutter, Django, Redux, VueJs, NodeJs, Gin, MongoDB, MySQL, Docker, ExpressJs

Leadership / Extracurricular

SDSLabs

January 2019 – May 2022

Developer

IIT Roorkee

- SDSLabs is a group of developers and designers promoting technical activities on campus.
- Regularly conducted hackathons, public lectures, CTFs and competitions on campus.

Achievements

2022 **Top 5** ETHIndia 2022 Infura Track

2022 **Winner** Inter IIT 10.0 Hackathon Gold Medallist (Mercari's Large Scale System Design Hackathon)

2021 **Winner** HackInOut 7.0 Portis Track

2019 **Runner-Up** Microsoft Code.Fun.Do++ 2019 On-Campus Round