

# VAIBHAV UPRETI

vaibhavupreti.me

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## Education

### Maharaja Agrasen Institute Of Technology

Bachelor of Technology in Computer Science with specialisation in AI and ML; CGPA: 9.60

Nov 2021 - June 2025

New Delhi, India

### Amity International School

Intermediate CBSE Board; Percentage: 90.2

Nov 2019 - May 2021

NOIDA, India

## Technical Skills

**Languages:** C++, JavaScript, Python, Bash, Ruby, C, Prolog  
**Tools:** Bash, Docker, Kubernetes, Build Tools(Make,rake), CI/CD  
**Frameworks:** ReactJS, NextJS, Rails, Flask  
**Platforms:** Git, Vercel, AWS,Heroku, GCP, Fly.io  
**Databases:** SQL, MongoDB, MySQL, PostgreSQL, Redis, Cloud Databases

## Experience

### CircuitVerse

Oct 2022 - Present

Student Developer

remote

- Designed a service which allows users option to customise notification events (enable/disable), creating essential production database migrations.
- Introduced 2 new notification events, improved logic, refactored code with test cases following industry practices.
- Ensured 100% code coverage by writing unit(RSpec) for the features, appropriate documentation and blogs.
- Looking forward to participate in Google Summer of Code 2023, with the organisation.

### GirlScript Summer of Code

Feb 2022 - May 2022

Contributor

remote

- Ranked 137 out of 2000+ contributors. Helped fellow contributors, built and deployed static websites using netlify.
- Reduced code clutter on web development projects,mainly worked with JavaScript, react, NodeJS.
- Collaborated with team members using version control to organize modifications and assign tasks.

## Projects

### Innate | Rails, JavaScript, Postgresql, redis, Fly.io, Circleci, REST APIs

- An end to end Microservices SaaS English Learning Platform programmed using ruby on rails with a multi tenant architecture supporting 4 types of users- admin, teachers, students and members
- Optimised API calls by 80% by removing redundant SQL queries, following skinny controller fat model approach.
- Created docker volumes with fly.io for production deployment.Automated deployments using github actions.

### Vaibhav Blogs | JavaScript, GraphQL, ReactJs

- A react blog application using graphql to display - categories, comments and related posts using tags.
- Implemented content, posts and comments management using Hygraph cms.

### PhoneBook | Rails, Heroku

- A monolith web application that serves as a one stop social media contacts saver.
- Built with Ruby on Rails to demonstrate the simplicity of CRUD operations,

### npx vaibhav-up | JavaScript, JSON

- An NPM package that serves as a resume in CLI with 500+ downloads. Deployed the package and automated the build process using CI/CD.

## Volunteer Experience

### Community Member at Developer Student Clubs MAIT

Jan 2022 – Present

Mentored folks, gave tutorials on advanced git, DevOps concepts and best developer practices.

## Extracurricular/Awards

- Earned 15 skill Badges in Google Cloud Practitioner program, got work using GCP.Tech: GCP, REST APIs, Load Balancers(nginx), Monitoring.
- Proficient in data structures and algorithms.
- Strengthened AI concepts with hands on experience with data manipulation, visualisation with projects documented in blogs