

Praful Vats

Linkedin: [linkedin.com/in/praful-vats/](https://www.linkedin.com/in/praful-vats/)

Github: github.com/praful-vats/

praful-vats.github.io/

Email : prafulvats01@gmail.com

Mobile : +91-8529801859

SUMMARY

Kinetic, Strategic, and Innovative individual, with an interest in the science of software development and a curiosity to explore the capabilities of programming languages. With knowledge of software designing, developing, and implementing testing plans. Proficient in working in agile methodology and communicating with the team to build software services and products.

SKILLS SUMMARY

- **Languages:** Python, C++, Java, HTML, CSS, JavaScript
- **Frameworks/Library:** Django, React, Node.js GraphQL, Asyncio, Websocket
- **Tools:** Postman, AWS, Git, MySQL, PostgreSQL, REST API, Linux, Docker
- **Soft Skills:** Collaborating, Problem-solving, Communication, Teamwork

EXPERIENCE

- **Self-Employed**
 - *Frontend Developer* 2022 – 2023
 - Developed full-stack dashboard using **React.js**, **Chart.js** and **D3.js** to visualize data and increase productivity
 - Automated manual data update processes, reducing data update time by 30%.
 - Increased workforce productivity by 20% through automation and improved data visualization.
- **Acenet**
 - *Junior Software Developer* 2021 – 2022
 - **Application Tracking System:**
 - Developed web application by using **Django**, **React**, and **MySql** to increase HR workflow by 25%.
 - Increased server query response time by restructuring APIs in **Python**.
 - Designed the frontend elements, mapped the application routes, and edited a Bootstrap-based admin template.
- **Alea IT**
 - *Python Development Intern* 2021 – 2021
 - Hands-on with API for the medical application with **Django Rest Framework**.
 - Quality assuring the workflow of **Python** APIs and UI/UX.
 - Research in API and UI automation using Postman to increase the productivity of QA.
- **National Informatics Centre**
 - *Software Development Intern* 2021 – 2021
 - Developed a website information portal for displaying metadata using **Python**, and **Django**.
 - Created real-time NS-Lookup with import/export data feature integrated with ipv4 and ipv6 addresses.
 - Decreased manual workforce of Up or Down status info by implementing upload feature for excel with URLs.

PROJECTS

- **Dalal Street**
 - *Real-Time Data Processing Platform*
 - Developed a real-time stock processing platform using **Python**, **Django REST** and **React**.
 - Built **WebSocket** consumer to stream real-time stock using **Django Channels** and **AsyncIO**.
 - Designed a React frontend that sends requests to the server using websockets over **REST API**.
 - Deployed **Docker** image on **AWS** with EC2 instance, Load Balancer, Route 53 and Cloudfront.
- **Projects**
 - *Generative Adversarial Network & React.js*
 - Developed a **Generative Adversarial Network** mini applications using GAN models and APIs.
 - Integrated reciprocal web applications for visual and physical interaction using **ML5.js** and **P5.js**.
 - Built upon **React.js** with responsive UI/UX and high quality markup using HTML, CSS and JavaScript.

EDUCATION

- **SRM Institute of Science and Technology**
Bachelor's in Computer Science and Engineering (CGPA-8.08) 2018 - 2022
Courses: Operating Systems, Data Structures and Algorithms, Object Oriented Design, Programming and Database Management Systems.
- **St. Mary's Convent Sr. Sec. School**
Class 12th or equivalent 2006 - 2017
Courses: Mathematics, Computer Science, Physics, Chemistry, English.