

# Praful Vats

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Python, C++

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## SUMMARY

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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.

## EDUCATION

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- **SRM Institute of Science and Technology** Ghaziabad, India  
*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** Dhampur, India  
*Class 12th or equivalent* 2006 - 2017  
Courses: Mathematics, Computer Science, Physics, Chemistry, English.

## SKILLS SUMMARY

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- **Languages:** Python, C++, Java, HTML, CSS, JavaScript
- **Frameworks/Library:** Django, Fast API, React, RESTfull API
- **Tools:** Postman, AWS, Git, JIRA, MySQL, Postgres, Linux
- **Soft Skills:** Leadership, Problem-solving, Communication, Teamwork

## EXPERIENCE

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- **Imbibe Consultancy(Acenet)** Gurgaon, India  
*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** Jaipur, India  
*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.

## ACADEMIC PROJECTS

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- **Eye P:**
  - 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.
- **Maze Finder:**
  - Designed a visualizer in **Python** to find the shortest path between two nodes.
  - Variable path finding node included normal, obstacle, and maze arena
  - Used Pygame library to visualize real-time algorithm computation.

## HONORS AND AWARDS

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- International Math Olympiad
- Python (CETPA Infotech)
- Organizing Committee at college fest