Praful Vats

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Python, C++
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Summary

Kinetic, Strategic, and Innovative individual, with interests 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 team to build software services and products.

Education

- **SRM Institute of Science and Technology** — Ghaziabad, India
  Bachelor's in Computer Science and Engineering — *June 2018 - May 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 — *June 2006 - May 2017*
  Courses: Mathematics, Computer Science, Physics, Chemistry, English.

Skills Summary

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

Experience

- **Imbibe Consultancy(Acenet)** — Gurgaon, India
  Junior Software Developer — *November 2021 – August 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 — *September 2021 – November 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

- **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

- International Math Olympiad School (Gold)
- Python Trainee (CETPA Infotech)
- Organizing Committee at College fest