

VIKAS PRAJAPATI

(Python Developer)

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Summary:

Experienced Python Developer with a strong background in web/app development, data science, and machine learning. Proficient in Python, NumPy, Rest API, Fast API and Django, Flask. Passionate about solving complex problems and contributing to innovative solutions.

Experience:

- **MulticorewareInc, Software Engineer**
 - Developed backend components for web applications using Python.
 - Collaborated with cross-functional teams to determine technical requirements.
 - Conducted quantitative analysis and testing.
 - Resolved complex issues promptly.
 - Proficient in Git, GitHub, GitLab, Bit-Bucket, and Jira Ticket.

Education:

- CDAC Bengaluru: PG Diploma in Big Data Analytics (March 2023 – Aug 2023)
- Bachelors of Technology: Electronics and Communication Engineering (2018 – 2022)

Projects:

1. **E-commerce Platform (Django):**
 - Built a scalable e-commerce platform using Django.
 - Integrated payment gateways and user authentication.
 - Implemented RESTful APIs for mobile app communication.
2. **Machine Learning Model (PyTorch):**
 - Developed a recommendation system for personalized content.
 - Utilized PyTorch for model training and evaluation.

Skills:

- **Core Technical Skills:**
 - **Python/R Programming:** Mastery of Python/R syntax, semantics, and standard libraries.
 - **Web Frameworks:** Experience with popular Python frameworks like *Django* and *Flask* for web development.
 - **Database Management:** Proficiency in SQL for querying and managing relational databases (*MySQL*, *PostgreSQL*) and NoSQL databases (*MongoDB*).
 - **Version Control Systems:** Familiarity with *Git*, *GitHub*, *GitLab* or *JIRA Ticket* for version control and collaboration.

- **Frontend Technologies:** Basic understanding of frontend technologies like *HTML*, *CSS*, and *JavaScript* to collaborate effectively with frontend developers.
 - **Object-Oriented Programming (OOP):** Strong understanding and application of OOP concepts in Python.
 - **Data Structures and Algorithms:** Knowledge of fundamental data structures (*lists*, *tuples*, *dictionaries*, *sets*, etc.) and algorithms for efficient problem-solving.
 - **Debugging and Testing:** Proficiency in debugging Python applications and writing unit tests using frameworks like *unittest* or *pytest*.
 - **API Integration:** Experience in integrating third-party APIs and web services.
 - **Web Scraping:** Proficiency in extracting data from websites using libraries like *BeautifulSoup*, *Selenium*, *Scrapy*, or *Requests*.
 - **Concurrency and Asynchronous Programming:** Understanding of concurrency issues and experience with asynchronous programming using *async/await*.
 - **Deployment and DevOps:** Basic knowledge of containerization (*Docker*), orchestration (*Kubernetes*), and cloud platforms (*AWS*, *Azure*, *GCP*, *Bit-Bucket*), CI/CD Pipeline.
- **Soft Skills:**
 - **Problem-Solving:** Ability to analyse problems and propose multiple solutions with a focus on efficiency and scalability.
 - **Team Collaboration:** Experience working in Agile teams, participating in code reviews, and effectively communicating technical concepts to non-technical stakeholders.
 - **Time Management:** Efficiently managing workload and meeting deadlines in a fast-paced development environment.
 - **Continuous Learning:** Commitment to staying updated with the latest technologies, tools, and best practices in Python development.
 - **Adaptability:** Ability to quickly learn new frameworks or technologies as required by the project.
 - **Communication:** Clear and effective communication skills, both verbal and written, to convey ideas and collaborate with team members.
 - **Attention to Detail:** Paying attention to details in code quality, documentation, and overall project delivery.
 - **Additional Skills (Depending on Specialization):**
 - **Data Analysis and Visualization:** Using libraries like *Pandas*, *NumPy*, *Seaborn*, *Matplotlib*, or *Plotly* for data manipulation and visualization.
 - **Machine Learning:** Familiarity with libraries like *scikit-learn*, *TensorFlow*, or *PyTorch* for implementing machine learning models.
 - **Operating Systems:** Experience with *Linux/Unix*, *Windows* environments, and familiarity with system administration tasks.
 - **Network Programming:** Experience with libraries like *socket*, *requests*, or *twisted* for network programming tasks.
 - **Security Best Practices:** Understanding of basic security principles and practices in web development.