G Mohan
Python Developer
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Bangalore, India

Technical Skills

- **Languages:** Python, SQL
- **Frameworks:** Django, Flask, Numpy, Pandas
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools:** Git, Docker, Jenkins, Google Colab, Kubernetes
- **Others:** REST APIs, Unit Testing, Agile Methodologies, Microservices, Data Exchange Formats (XML,JSON)

Work History

Policy Bazaar (Under the *Payroll* of *Capital Technologies Private Limited* From September 2022 to TillDate)
- System Monitoring
- Face Recognition Software

Conduent Pvt Ltd (Deployed to Conduent Payroll from 04 June 2023 to 11 Aug 2023)
- AI Chatbots

Projects

System Monitoring
- Engineered a comprehensive system monitoring tool that utilizes webcam feeds and desktop screenshots to monitor employee productivity. The system identifies activities and analyzes working patterns using advanced image processing techniques.

Face Recognition Software
- Created a state-of-the-art facial recognition system aimed at enhancing organizational security. The software integrates with existing security infrastructure to provide real-time face detection and identity verification.

AI Chatbots
- Developed intelligent chatbots designed to streamline customer interactions. These bots utilize advanced NLP algorithms to interpret and respond to user inquiries, significantly improving response times and customer satisfaction.

Roles&Responsibilities:

● Contributed to the development of a cutting-edge web application using the powerful combination of Python and Flask, leveraging my expertise in building scalable and high-performance applications.
● Demonstrated my proficiency in database management by expertly working with a variety of data storage technologies, including MongoDB and SQL.
● Fostered a collaborative team environment to successfully implement new features and enhancements, resulting in significant improvements to product functionality and user experience.
● Wrote clean and efficient code, following best practices and company standards
● Worked to optimize the performance of the code using different optimization techniques
● Designed and implemented the API's endpoints and routes.
● Implemented error handling and logging in the application
● Utilized a variety of troubleshooting and debugging techniques to proactively identify and resolve multiple software bugs, resulting in enhanced code quality and improved performance.
● Participated in code reviews and pair programming sessions to improve code quality
● Participated in the full software development life cycle, from requirements gathering to deployment and maintenance.
● Collaborated seamlessly with the QA team to identify and troubleshoot software issues, implementing effective solutions to ensure optimal functionality and quality assurance.

Professional Summary:

☐ Highly skilled Python developer with 3.1 years of experience in designing, developing, and maintaining Python applications.
☐ Proficient in various Python frameworks, libraries, and tools. Strong problem-solving abilities and a passion for creating efficient and scalable software solutions.

- ☐ Developing and maintaining Python applications: Designing, coding, testing, and debugging Python
- software applications and scripts according to project requirements.
- Collaborating with cross-functional teams: Working closely with other developers, designers, and project
- managers to develop and implement software solutions.
- Building web applications: Using Python frameworks such as Django or Flask to develop web applications,
- including handling server-side logic, integrating with databases, and ensuring efficient data flow.
- Database integration and management: Integrating Python applications with various databases (such as
- MySQL, PostgreSQL, or MongoDB), designing database structures, and optimizing data access and
- retrieval.
- Testing and debugging: Writing unit tests, conducting code reviews, and debugging to ensure the
- reliability and quality of the software.
- Performance optimization: Identifying and implementing optimizations to improve application
- performance, such as optimizing algorithms, caching, or database query optimization.
- Utilized a variety of troubleshooting and debugging techniques to proactively identify and resolve
- multiple software bugs, resulting in enhanced code quality and improved performance.
- Participated in code reviews and pair programming sessions to improve code quality
- Participated in the full software development life cycle, from requirements gathering to
- deployment and maintenance.
- Version control and collaboration: Utilizing version control systems (such as Git or SVN) to manage
- codebase changes and collaborating with other developers through branching, merging, and code
- reviews.
- Documentation: Creating technical documentation, including API documentation, user guides, and code
- comments to ensure clarity and maintainability of the codebase.
- Keeping up with industry trends: Staying updated with the latest trends, best practices, and
- advancements in Python development and related technologies.
- Excellent teamwork and communication skills. Committed to delivering high-quality code that meets
- project requirements and exceeds client expectations

Education

Bachelor's in Computer Applications   SDHR College, SVU Tirupati, 2022

Certifications

Certified Python Developer, Python Institute; Docker Certified Associate (DCA)

Declaration:

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge

(Mohan G)