swain s

Python Developer, 6+ years experience
Ahmedabad, India
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Aspiring developer with strong problem-solving skills and hands-on experience in Python. Passionate about computer science, innovation, and technology, with the motto that if you can imagine something in software, you can build it.

INDUSTRIES: Crypto, Ecommerce, Telecommunication, Finance, Healthcare

TECHNICAL SKILLS

• Python	6 years
• Django	5 years & 6 months
• Flask	4 years
• REST APIs	4 years
• DynamoDB	4 years
• OpenCV	3 years
• Checkmk	3 years & 5 months
• Zabbix	3 years & 5 months

PROJECT DETAILS

• Crypto price handling — December-2021 - July-2022

Project Description: Critus is a cryptocurrency price tracking website built with the latest web development technologies. As a developer, you will work on a highly scalable and customizable website that features real-time price updates, a user-friendly interface, and robust security measures. The website is designed to handle large amounts of data and is focused on providing users with the latest cryptocurrency prices to help them make informed investment decisions.
Responsibilities: Creating trading bots and merges in the website. Responsible for researching and analyzing cryptocurrency trends and providing insights to help inform the website's pricing data and investment recommendations. Responsible for developing the server-side of the website, including the REST API and database management using Python, Django, and Boto3. Responsible for developing and integrating trading bots into the website to provide automated trading strategies for users.
Technologies: Python
Industry: Crypto

• e-commerce — January-2019 - January-2020

Project Description: Our E-commerce website is a cutting-edge platform with advanced features built using the latest web development technologies. It offers a user-friendly shopping experience with robust security and efficient management tools. As a developer, you will find plenty of exciting opportunities to showcase your skills and contribute to the success of the project.
Responsibilities: Modules include Product Information Management and Order Management. Responsible for analyzing website traffic and customer behavior to identify opportunities for improvement and growth. Responsible for implementing security measures to protect customer data, such as encryption and firewalls. Responsible for building the server-side of the website, including the database and server-side scripting, using tools such as Python Django and FastAPI.
Technologies: Python
Industry: Ecommerce

• Alex IoT system December-2023 - February-2024

Project Description: The Alex IoT System is a comprehensive Internet of Things (IoT) solution designed to demonstrate strong Python coding skills, AWS expertise, data pipeline development, SQL/PLSQL/PostgreSQL proficiency, and Python UI framework implementation. The system is built to manage and monitor IoT devices, process data streams, and provide insights through a user-friendly interface.

Responsibilities: Led the development of the IoT system, implementing strong Python coding practices and ensuring adherence to AWS best practices. Collaborated with a team to design and deploy the system, focusing on data pipeline architecture and SQL/PLSQL/PostgreSQL optimization. Presented the project to stakeholders, demonstrating its features and functionality, and highlighting its impact on IoT device management and data processing. Mentored junior developers, providing guidance on Python programming, AWS integration, and data engineering principles.

Technologies: AWS

Industry: Telecommunication

• Construction Calculator June-2022 - February-2023

Project Description: Our Automated Calculator website is designed to provide precise construction calculations. It is built with advanced algorithms and the latest web development technologies to ensure accuracy and efficiency. The website features a user-friendly interface and is an excellent opportunity for developers to work on a cutting-edge project.

Responsibilities: Code review and fixed the Bug. Responsible for developing both the frontend and backend of the website using Flask and REST API, integrating AWS Lambda, and implementing data visualization tools like Matplotlib. Responsible for managing the database that stores the construction data and calculations, as well as optimizing the database for performance.

Technologies: Python

Industry: Finance

• Finance Calculator App February-2023 - December-2023

Project Description: Developed a desktop application using PyQt5 and Qt Designer. Implemented complex financial calculations, including loan amortization, compound interest, and investment returns. Optimized the calculation algorithms for performance. Improved user experience by adding input validation and error handling

Responsibilities: Presented the project to stakeholders and external clients, demonstrating the app's features and functionality. Collaborated with the project manager to establish project timelines and deliverables. Mentored junior developers on the team, providing guidance and code reviews to ensure high-quality code. Developed and optimized the financial calculation algorithms for the app.

Technologies: Python

Industry: Finance

• Knok Hospital January-2020 - December-2021

Project Description: Knok Hospital is a modern healthcare website that offers comprehensive medical services to patients. It is built using the latest web development technologies and features a user-friendly interface and content management system. The website is designed to comply with all healthcare regulations, ensuring patient privacy and security. As a developer, you will have the opportunity to work on a challenging and rewarding project that can make a real difference in people's lives.

Responsibilities: Patient management system, doctor management system, Drug management system. Responsible for managing the deployment, scaling, and monitoring of the website infrastructure and ensuring the website's availability and performance. Responsible for overseeing the development and launch of the website, managing timelines, budgets, and resources, and ensuring that the project meets its goals.

Technologies: Python

Industry: Healthcare

EMPLOYMENT HISTORY

• Sr.Python developer January-2019 - April-2024

Description: Collaborate with team members to develop Python-based software solutions .Participate in code reviews and help identify areas for improvement.Analyze existing code and implement enhancements or bug fixes.Research and evaluate new libraries, frameworks, and tools to improve.software development processes

• Sr.Python developer June-2022 - February-2023

Itaims

Description: Obtained adequate experience in reviewing Python code for running theAWS glue troubleshooting test-cases and bug issues, acquiring all necessary skillsPandas, Designed and configured database and backend applications andNumpy, programs, contributing to operations continuity and increasing efficiency by 14 %.

• Jr.Python developer December-2021 - June-2022

Aim2door Technology

Description: Obtained adequate experience in reviewing Python code for running thePyQt5, troubleshooting test-cases and bug issues, acquiring all necessaryAngular, skills.Pytest, Implemented Model View Control Architecture in web applications with help of Django. Selenium, Google App Engine Developed remote integration with third party platforms by using RESTful web services.

• Jr.Python developer January-2020 - December-2021

Vrinsoft Technology

Description: Implemented Model View Control Architecture in web applications with help of Django.Developed remote integration with third party patforms by using RESTful web services.Worked in MySQL database on simple queries and writing Stored Procedures for normalization.

• jr.python developer January-2019 - December-2019

peanut square LLP

Description: Collaborate with team members to develop Python-based software solutions Participate in code reviews and help identify areas for improvement Analyze existing code and implement enhancements or bug fixes Research and evaluate new libraries, frameworks, and tools to improve software development processes

EDUCATION

• Bachelors degree in computer engineering from gujarat technological university 2016 - 2020

LANGUAGES

• English - advanced

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