

Arun

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Objective:

Seeking a challenging position as a Python Senior Developer to utilize my expertise in software development, problem-solving skills, and leadership abilities to contribute to the success of an innovative tech company.

Education:

Bachelor of Technology in Computer Science

Chennai MIT, Chennai, India

Graduated: May 2012

Technical Skills:

- Proficient in Python programming language with extensive experience in developing web applications, APIs, and automation scripts.
- Strong understanding of data structures, algorithms, and object-oriented programming principles.
- Experience with popular Python frameworks and libraries including Django, Flask, and Pandas.
- Knowledgeable in front-end technologies such as HTML, CSS, and JavaScript.
- Familiarity with version control systems like Git and continuous integration tools such as Jenkins.
- Experience with relational databases like MySQL, PostgreSQL, and non-relational databases like MongoDB.
- Strong understanding of software development methodologies including Agile and Scrum.

Professional Experience:

Senior Python Developer

XYZ Tech Solutions, Chennai

June 2022 - Present

- Led a team of developers in designing and implementing scalable web applications using Python and Django framework.
- Developed RESTful APIs for internal and external use, ensuring high performance and security.
- Collaborated with cross-functional teams including product managers, designers, and QA engineers to deliver high-quality software products within tight deadlines.
- Mentored junior developers, conducted code reviews, and provided technical guidance to ensure code quality and adherence to best practices.
- Designed and implemented automated test suites using pytest, reducing manual testing efforts by 50%.
- Optimized database queries and implemented caching strategies to improve application performance and scalability.
- Implemented continuous integration and deployment pipelines using Jenkins and Docker, reducing deployment time by 30%.

Python Developer

ABC Software Solutions, Chennai

January 2015 - May 2022

- Developed and maintained web applications using Python, Flask, and SQLAlchemy.
- Designed and implemented database schemas, ensuring data integrity and performance.
- Worked closely with clients to gather requirements, provide technical solutions, and deliver software products that met their needs.
- Integrated third-party APIs for various functionalities including payment processing and authentication.

- Conducted code reviews and collaborated with team members to ensure code quality and consistency.
- Assisted in troubleshooting and resolving production issues in a timely manner.

Projects:

1. E-commerce Platform

- Developed a scalable e-commerce platform using Django framework, allowing users to browse products, make purchases, and track order status.
- Implemented secure authentication and authorization mechanisms using Django authentication system and JWT tokens.
- Integrated payment gateway APIs for processing online payments securely.

2. Data Analysis Tool

- Designed and implemented a data analysis tool using Python and Pandas library to analyze large datasets and generate insights.
- Developed interactive visualizations using Matplotlib and Seaborn libraries to present analysis results.
- Optimized data processing algorithms for efficiency, reducing analysis time by 50%.

Certifications:

- Certified Python Developer (CPD) - Python Institute
- Agile Certified Practitioner (ACP) - Project Management Institute