Charles Bloomberg

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EXPERIENCE

Python Developer | Company A | New York, NY | June 2020 - Present
- Wrote Python code based on functional specification and technical design with adhering to architectural standards and developed designs that consider impact with other aspects of the database and appropriately leverage existing code.
- Leveraged public cloud technologies, databases - DynamoDB, serverless (AWS Lambda) and drove optimal solution design collaborating with architects and cross-functional teams.
- Independently analyzed and resolve production problems, assessing alternatives as appropriate and implementing long-term solutions.
- Evaluated and interpreted requirements to design, develop and implement appropriate solutions and built and automated repeatable processes to efficiently deploy rate updates into the existing rating engine.
- Performed code reviews, identified potential issues to reduce technical debt and provide coding best practice recommendations.
- Took the ownership of tasks, delivered with limited supervision and collaborated closely with members of other teams throughout the delivery of the product.

Python Developer | Company B | New York, NY | June 2019 - June 2020
- Designed and built horizontally scalable components within the major platform that the team is developing.
- Reviewed and provided code feedback in terms of best practices with a keen eye towards performance and stability optimizations.
- Subject matter expert on code deployed on our platform and provided Spark/Big Data consulting support to other developers.
- Wrote reusable and extendable code as a key contributor to the core platform and consistently worked to make our software simpler.

Python Developer | Company C | New York, NY | June 2018 - June 2019
- Worked on a web application that provides real-time data to the financial industry for trading strategies.
- Performed analysis, design, development, and configuration functions as well as define technical requirements for assignments of intermediate complexity.
- Participated with the team to perform analysis, assessment and resolution for defects and incidents of intermediate complexity and escalate appropriately.
- Worked within guidelines set by the team to independently tackle well-scoped problems and sought opportunities to expand technical knowledge and capabilities.

Python Developer | Company D | New York, NY | June 2017 - June 2018
- Responsible for the design, development, testing, deployment, documentation and maintenance of multiple web-based applications in an agile software environment meeting product owner requirements.
- Responsible for identifying, resolving and test defects and respond to the customer identified requirements and enhancements.
- Responsible for researching and presenting recommendations for the adoption of new methodologies and technologies; if decided lead implantation of recommendation.
- Responsible for providing technical direction and guidance to software development team members.
- Modified existing software and created special-purpose software to ensure efficiency and integrity between systems and applications.
- Responsible for providing expert technical advice, guidance and recommendations to management and other technical specialists on critical software issues.

Python Developer | Company E | New York, NY | June 2016 - June 2017
- Developed using Python to transform research algorithms into usable tools for geospatial analysts.
- Focused on software usability, user-friendliness, extensibility of data types, and intuitive data display.
- Conducted the analysis, design, development, testing, and deployment of GEOINT solutions.
- Supported all life cycle activities spanning analysis through maintenance, using established software development best practices, and related procedures.

EDUCATION

BS Computer Science | University of Denver | 2016

CERTIFICATIONS

PCPP (Certified Professional in Python Programming) | The Python Institute | 2016

SKILLS

Industry Knowledge: Azure, AWS, Windows Server, Linux Server, Database, Angular, Openshift Kubernetes, Docker, Jenkins CI, Javascript / Typescript