**Chinmay V**

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**PROFESSIONAL SUMMARY**

* 6 years of experience as a Web/Application Developer and coding with analytical programming using Python, Perl, C++.
* Experience in Object oriented Design and Programming concept
* Experienced with full software development life-cycle, architecting scalable platforms, object oriented programming, and database
* Design and develop required JavaScript components.
* Experienced in installing, configuring, modifying, testing and deploying applications with Apache.
* Experienced in automating deployment to a distributed architecture with tools such Chef.
* Experience with continuous integration and automation using Jenkins.
* Experience with Unit testing/ Test driven Development (TDD), Load Testing.
* Experience with continuous integration and automation using Jenkins.
* Experienced in developing web-based applications using Python and JavaScript in Linux based OS.  
  Ability to learn and adapt quickly to the emerging new technologies and paradigms.
* Excellent communication, interpersonal and analytical skills and a highly motivated team player with the ability to work independently.
* Practical experience with working on multiple environments like development, testing, production.
* Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits.
* Have flair to adapt to new software applications and products, self-starter, have excellent communication skills and good understanding of business work flow.
* Exceptional ability to quickly master new technology and capable of working in-group as well as independently with excellent communication skills.
* Ability to work under pressure with critical deadlines.

**Technical Skills:**

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| Programming Languages | Java, C++, Python,Perl |
| Python Libraries | Numpy, UnitTest , JSON |
| Version Control Tools | Git, GitHub, SVN |
| Bug Tracking Tools | Jira, BugZilla, VersionOne |
| Database | MongoDB, Cassandra |
| Operating System | Unix, Linux, Windows |
| RDBMS | SQL Server, DB2, MS Access, Oracle DB |
| Software Development Lifecycle | Agile Methodology, Scrum framework |

**EDUCATION:**

Masters in Computer Engineering

**PROFESSIONAL SUMMARY**

**GE, San Ramon, CA May 2015 – present**

**Role: Python Developer**

General Electric (GE) is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [conglomerate](https://en.wikipedia.org/wiki/Conglomerate_(company)) corporation headquartered in [Boston, Massachusetts](https://en.wikipedia.org/wiki/Boston,_Massachusetts). The company operates through the following segments: [Power & Water](https://en.wikipedia.org/wiki/GE_Power_%26_Water), [Oil and Gas](https://en.wikipedia.org/wiki/GE_Oil_%26_Gas), [Aviation](https://en.wikipedia.org/wiki/GE_Aviation), [Healthcare](https://en.wikipedia.org/wiki/GE_Healthcare), [Transportation](https://en.wikipedia.org/wiki/GE_Transportation) and [Capital](https://en.wikipedia.org/wiki/GE_Capital) which cater to the needs of [Financial services](https://en.wikipedia.org/wiki/Financial_services), [Medical devices](https://en.wikipedia.org/wiki/Medical_device), [Life Sciences](https://en.wikipedia.org/wiki/Life_Sciences), [Pharmaceutical](https://en.wikipedia.org/wiki/Pharmaceutical), [Automotive](https://en.wikipedia.org/wiki/Automotive), [Software Development](https://en.wikipedia.org/wiki/Software_Development) and [Engineering](https://en.wikipedia.org/wiki/Engineering) industries.

**Responsibilities:**

* Responsible for translating the customer requirements into design specifications and then into software solution.
* Developed views and templates with Python and Django’s view controller and templating language to create a user-friendly website interface.
* Worked on developing internal testing tools which were written in Python.
* Developed Wrapper in Python for instantiating multi-threaded application.
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Developed various algorithms for generating several data patterns.
* Used JIRA for bug tracking and issue tracking.
* Added several options to the application to choose particular algorithm for data and address generation.
* Developed and designed automation framework using Python and Shell scripting.
* Developed the project in Linux environment.
* Performed data manipulation and storage for incoming test data using lxml /etree libraries.
* Worked in development of applications especially in UNIX environment and familiar with all of its commands.
* Performed troubleshooting, fixed and deployed many Python bug fixes of the applications and involved in fine tuning of existing processes followed advance patterns and methodologies.
* Skilled in using collections in Python for manipulating and looping through different user defined objects.
* Used Design patterns efficiently to improve the code reusability.
* Managed code versioning with GitHub, Bit Bucket and deployment to staging and production servers.
* Implemented MVC architecture in developing the web application with the help of Django framework.
* Implemented task object to interface with data feed framework and invoke database message service setup and update functionality.
* Working under UNIX environment in development of application using Python and familiar with all of its commands.

**Environment**: Python, Git, Amazon, UNIX, Object Oriented Programming, Ubuntu server, Windows 12 Server, Amazon s3, Jenkins

**Hitachi Data Systems, Santa Clara, CA Aug 2013 to May 2015**

**Role: Python Developer**

Hitachi Data Systems (HDS) is a company that provides modular mid-range and high-end storage systems, [software](https://en.wikipedia.org/wiki/Software) and services. It is a wholly owned subsidiary of [Hitachi Ltd.](https://en.wikipedia.org/wiki/Hitachi_Ltd.)and part of the Hitachi Information Systems & Telecommunications Division.

**Responsibilities:**

* Database modeling and design. Involved in developing and implementation of the web application using Javascript
* Simple web app for reviewing the packet tracing information in the virtual machine (router packet simulation)
* Utilized ActiveRecord eager loading to improve rendering time of index pages, incorporated up/down voting, reviewing, and several custom sorting methods for shows to provide smooth user experience
* Cross-referenced SeatGeek and Spotify APIs to get album artwork and track previews for each artist
* Boston concert aggregator that provides a comprehensive list of shows in Boston with track previews, album artwork, tagging, up/down voting, and more to help users find the best show in town.
* Experience working with Puppet Enterprise. Installed, upgraded and managed Puppet Master, Agents and Databases.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using puppet.
* Experienced in Git, Object-oriented programming, JavaScript, and, Amazon Web Services.
* Followed agile methodology and involved in daily SCRUM meetings, sprint planning, showcases and retrospective.
* Designed user friendly Interface using Bootstrap framework.
* Worked in MySQL database on simple queries and writing Stored Procedures for normalization and renormalization.
* Using Subversion version control tool to coordinate team-development.
* Worked on updating the existing clip board to have the new features as per the client requirements.
* Found critical bugs in the firmware and helped other teams in making the software stable.
* Migration of Test Content to Automation Tool using Python and XML.
* Development of Media OS based Validation test content in ACS (Automation) using Python and XML.
* Experience in UNIX environment in developing the application and familiar with all of its commands.
* Worked in developing the screens for delete, Edit, Enable, Disable and Impersonate Users in web application.

**Environment**: Python, GIT, Amazon, Linux, Object Oriented Programming, Web Services, ADB, Logic Analyzer, Debussy Emulation wave capture.

**IBM Aug 2011- Aug 2013**

**Role: Python Developer**

IBM manufactures and markets computer hardware, middleware and software and offers hosting and consulting services ranging from Mainframe computers to nanotechnology. IBM is also a major research organization.

**Responsibilities:**

* Part of team implementing REST API’s in Python using micro-framework like Flask with SQLAlchemy in the backend for management of data center resources on which OpenStack would be deployed.
* Used python libraries like Beautiful Soap, NumPy and SQLAlchemy.
* Utilized standard Python modules such as csv, robot parser, itertools and pickle for development.
* Worked on Python OpenStack APIs and used NumPy for Numerical analysis.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery.
* Developed and tested many features for dashboard, created using Bootstrap, CSS, and JavaScript.
* Developed Wrapper in Python for instantiating multi-threaded application.
* Used JIRA for bug tracking and issue tracking.
* Added several options to the application to choose particular algorithm for data and address generation.
* Used SAX/DOM Parser for parsing the data to Oracle Database.
* Designed and created backend data access modules using PL/SQL stored procedures and Oracle.
* Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for Oracle Database.
* Developed and designed automation framework using Python and Shell scripting.
* Developed the project in Linux environment
* Responsible for testing, debugging, bug fixing and documentation of the system
* Implemented Python components and deployed under the Web Logic server
* Participated actively in unit testing, integration testing and GUI

**Environment**: Python, Git, AWS , Linux , Object Oriented Programming, Web Services, Python 2.7,Shell scripting, Linux, Testing, Debugging, NAS

**Cisco Aug 2010- Aug 2011**

**Role: Python Developer Trainee**

**Responsibilities:**

* Maintained program libraries, users' manuals and technical documentation.
* Managed large datasets using Panda data frames and MySQL. Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits.
* Built various graphs for business decision-making using Python matplotlib library.   
  Used Python library Beautiful Soup for webscrapping.
* Developed user interface solutions using a Django web framework. Used Python scripts to update content in the database and manipulate files.
* Involved in building database Model, APIs, and Views utilizing Python technologies to build web based applications.
* Developed interfaces using JavaScript, HTML technologies for several web applications to fetch and graphically present required data from database.
* Involved in the complete Software Development life cycle (SDLC) to develop application.
* Developed user interface of the web application using HTML, CSS3, and Bootstrap. Wrote custom user defined functions in JavaScript to validate application functionalities/features.
* Responsible for writing OOP code in Python for server side scripting.

**Environments**: HTML, CSS, JavaScript, MySQL, Agile methodology, SQL programming, Python programming.