Brandon Lee

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SUMMARY

- Over 5 years of IT experience as a Web/Application Developer and coding with an analytical programming using Python, Java, C/C++, R, and Golang.
- Experienced in OOP concepts using Python, Java, and C++.
- Expertise on Python libraries like Pandas, Matplotlib, NumPy, to manipulate and visualize the data using interactive charts.
- Expert in writing Python scripts to scrape web data for data usage/collection using Selenium, BeautifulSoup, Scrapy, and Puppeteer.
- Worked on video streaming projects using OpenCV and FFmpeg.
- Experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.
- Designed UI interfaces using Angular, HTML, SASS, Tailwind CSS, Bootstrap, and Three.js
- Expert in business process and software development lift cycle, including analysis, design, development, testing and implementation of Software applications.
- Good knowledge of development best practices such as code reviews, unit testing, system integration testing (SIT), and user acceptance testing (UAT).
- Hands on experience in working with Version Control Systems including Git and SVN.
- Involved in all the phases of Software Development Lift Cycle (SDLC) using Project management tools Jira and Zoho.
- Excellent analytical and problem-solving skills and ability to work on own besides being valuable and contributing team player.
- Ability to learn and adapt quickly to the emerging new technologies and paradigms.
- Worked in Agile methodologies with high quality deliverable delivered on time.

TECHNICAL SKILLS

- **Languages**: C, C++, Python, Java, JavaScript, SQL, Go, R
- **Web Technologies**: HTML / HTML5, CSS / CSS3, DOM, AJAX, JSON, WebGL
- **Video Streaming Technologies**: OpenCV, FFmpeg
- **Frameworks**: Tailwind CSS, Bootstrap, Angular, React, Three.js, GSAP, Django, PyQt
- **Database**: PostgreSQL, MySQL, MongoDB, Redis
- **Container Platforms**: Docker, Kubernetes

EDUCATION

University of Nottingham   Apr 2014 – Jan 2017

B.S in Computer Science

PROFESSIONAL EXPERIENCE

ZIPDEV   **(San Diego, CA)**
Python Developer   Sep 2021 – Feb 2023

Development

- Associated with various phases of Software Development Life Cycle (SDLC) of the application like requirements gathering, Design, Analysis and Code development.
- Developed REST API and integrated with cloud products like AWS REST API gateway and AWS lambda.
- Developed internal testing tools and simulating tools in Python.
- Responsible for writing Python scripts to scrape web data for data usage/collection using BeautifulSoup, Scrapy, Selenium.
- Used MongoDB to stored data in JSON format.
- Manual testing of web applications, Integration testing.
- Used Git to resolve and coding the work on Python.
- Automated the existing scripts for performance calculations using NumPy.
- Interacted with QA to develop test plans from high-level design documentation.
- Collaborated on desktop application developments using PyQt.

BAHA AGENCY   **(Braddon, Australia)**
Python Developer   Jan 2020 – Aug 2021

Development

- Developed tools using Python, Shell scripting, XML to automate some of the menial tasks, interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
- Designed and developed data management system using MongoDB and MySQL.
- Wrote scripts using python modules and its libraries to develop programs that improve processing of access requests.
- Utilized PyUnit, the Python Unit test framework, for all Python applications and used Django database APIs to access database objects.
- Used Tailwind CSS, Material UI, Three.js, Angular, and React for front end applications.
- Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format.

CONVER STUDIOS   **(Perth, Australia)**
Junior Python Developer   Jun 2018 – Dec 2019

Development

- Responsible for gathering requirements, system analysis, design, development, testing and deployment.
- Developed rich user interface using CSS, HTML, JavaScript, Bootstrap, and React.
- Created business logic Python/Django.
- Created database using MySQL, wrote several queries to extract data from database.
- Involved in writing application-level code to interact with API's, web services using JSON.
- Using subversion control tool to coordinate team development.
- Responsible for debugging and troubleshooting the web application.
- Scraped job postings from multiple job board resulting a database over 10k job opportunities for agencies using Selenium, BeautifulSoup, and Scrapy.