

Anvinraj A

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Professional Summary

Senior Software Engineer with extensive experience in Python, specializing in data extraction, transformation, and performance benchmarking. Currently contributing to Bosch, where I focus on benchmarking simulation models and developing Visual Studio Code extensions using the Language Server Protocol (LSP). Previously at Wipro, I enhanced web scraping capabilities for Apple, employing Selenium and BeautifulSoup, and created Flask APIs for seamless integration with front-end technologies. My foundational experience at Quest Global involved leveraging GitHub APIs and data cleaning techniques, further solidifying my expertise in SQL and data management.

Employment history

Senior Software Engineer, Bosch(BGSW). Bengaluru, Karnataka

Jun. 2023 – Present

- Developed python scripts for benchmarking the performance of simulation models.
- Worked on LSP(Language server protocol) for developing visual studio code extension for custom language.
- Worked in ANTLR tool for generating AST objects and validating yaml data using generated lexer and parser.

Senior Software Engineer, Wipro. Bengaluru, Karnataka

Jun. 2021 – Jun. 2023

Client - Apple

- Developed python scripts for scraping multiple websites using selenium and beautiful soup libraries.
- Added data cleaning logic in python scripts to clean and extract the required data from unstructured datasets and web scraped data.
- Created various regular expressions in python scripts for extracting required data.
- Worked with Teradata and oracle libraries for extracting and loading data.
- Quickly Learned AppleScript for generating keynote file based on data input from front end.
- Developed Flask API for executing AppleScript for keynote file generation.
- Worked in React UI code for connecting front end data to flask API.
- Created or modified SQL queries for extracting and inserting data to tables.

Software Engineer, Quest Global. Bengaluru, Karnataka

Apr. 2018 – Jun. 2021

Client - Apple

- Developed Python scripts for fetching file data from Github files using Github APIs.
- Built data cleaning logic in python scripts to clean and extract the required data from the fetched file content.
- Created various regular expressions in python scripts for extracting required data.
- Developed Shell scripts for loading data to oracle tables and triggering emails.
- Worked with Teradata and oracle libraries for extracting and loading data.
- Created or modified SQL queries for extracting and inserting data to tables.

Java Developer(JEE), Bigleap (under Keltron). Calicut, Kerala

Feb. 2016 – Sep. 2016

- Worked on full stack development using java MVC.
- Created or modified SQL queries for extracting and inserting data to tables.
- Created and modified webpage styles using CSS.
- Worked in AJAX and JQuery for adding dynamic contents in webpage.

Education

Calicut University, Calicut, Kerala

Bachelor of Technology, Computer Science, Apr. 2015

Skills

Python | Java | Git | Regular Expressions | Flask | Javascript | Applescript | Android | jQuery | HTML + CSS | SQL | Typescript | LSP | ANTLR

Personal Projects

- My Personal Website - <https://www.anvinraj.me/>
Languages Used : PHP Codeigniter framework, HTML, CSS, JQuery
- Web scrapper - https://github.com/anvinraj/amazon_scrapper
Languages Used : Python, Regular expressions
- Weekday Selector - <https://github.com/anvinraj/react-weekday-selector>
Languages Used : React JS, CSS
- Image Metadata Cleaner - <https://github.com/anvinraj/web-tools>
Languages Used : React JS for front end, Python Django for backend