First Last
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Internship

SEP Intern **May 2023 - July 2023**

JP Morgan Chase & Co.

- Contributed to the advancement of the organization's robust **Document Manager** web application.
- Improved user experience and productivity by implementing comprehensive **row grouping**, **column filtering** and **data filtering** functionality using **Angular Ag-Grid**, enabling easier and faster navigation to relevant records.
- Enhanced application performance, improved records' load time, and increased overall efficiency by implementing **server-side pagination**, and **nested child pagination**.
- Wrote **Angular unit test cases** using **Jasmine framework** to validate the **responsiveness of the grid** on different resolutions, evaluate the **functionality of row grouping and data filtering code**, and verify the **accuracy of API calls to the database**. Created mocks, stubs, and spies, ensuring the isolation of dependencies and simulation of diverse scenarios for robust and stable code.

Full Stack Web Developer Intern **Feb 2022 - Aug 2022**

Edureka

- Built two dynamic web applications, Flipkart Clone and Zomato Clone, leveraging the power of MERN stack.
- Automated web data collection through software tools and custom scripts, streamlining repetitive tasks effectively.

Projects

Fkart App | *MERN Stack, Responsive Web Design* **July 2022 - Aug 2022**

- Developed an e-commerce platform wherein users can buy numerous products such as electronics, clothing, and more.
- It offers dynamic data from MongoDB, responsive design, dynamic pagination based on data, and developer REST APIs for insertion, retrieval, deletion of data, user authentication, individual user data storage, and for other advanced tasks.
- Applied MERN stack knowledge successfully to create a fully functional MERN stack website.
- Github Repository Link: **https://github.com/suraj-singh12/flipkart-project**

Project SearchEverywhere | *Python3, Linux, Grep, Open Office, Bash, MS Office* **Feb 2021 - March 2023**

- Designed an open-source Linux tool that allows users to search for specific information in multiple files of types including documents, presentations, spreadsheets, and text files.
- This is an enhancement to 'grep' command on linux systems which only allows to search in text files only.
- Used extensively by students for preparation of university exams in COVID times.
- Github Repository Link: **https://github.com/suraj-singh12/Project-SearchEverywhere**

Certificates

Full Stack Web Development **August 2022**

Edureka — Certificate Link

Linux for Developers **March 2021**

Coursera — Certificate Link

Technical Skills

Languages C++, Java, JavaScript

Technologies/Frameworks: Angular, Jasmine Testing, React JS, Node JS, Git, GitHub, Ubuntu

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in Python and JavaScript

Education

Lovely Professional University Punjab **2020 – 2024**

Computer Science and Engineering — CGPA: 9.23 *Jalandhar, Punjab*

Kendriya Vidyalaya Mathura Cantt **2018 – 2019**

12th with Science — Percentage: 94.60% *Mathura, Uttar Pradesh*

Kendriya Vidyalaya Shahjahanpur Cantt **2016 – 2017**

10th with Science — CGPA: 10 *Shahjahanpur, Uttar Pradesh*