ABHISHEK WAGH

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Education

D Y Patil College of Engineering	**Aug 2018 – May 2022**
Bachelor of Engineering in Information Technology (9.02 CGPA)	*Pune, Maharashtra*
San Thome Academy	**April 2016 – June 2017**
All India Senior School Certificate Examination (CBSE XII) (74.40 %)	*Dewas, Madhya Pradesh*
San Thome Academy	**April 2014 – June 2015**
All India Secondary School Examination (CBSE X) (9.0 CGPA)	*Dewas, Madhya Pradesh*

Technical Skills

Languages: C++, Python, SQL

Database: MySQL, MongoDB, postgreSQL

Web Technologies/Frameworks/Libraries: HTML, CSS,FastAPI, Flask, GraphQL, React.js

Tools: Git, Postman, VSCode

Experience

Crest Data Systems Pvt. Ltd	**Jan 2022 – Present**
Software Engineer	*Pune, Maharashtra*

- **Netskope Cloud Threat Exchange** | *Python, FastApi, MongoDB, RabbitMQ, Celery*

  * Contributed as a core member of the Netskope security tool development team for Cloud Exchange, the latest and most powerful security tool in the market. https://www.netskope.com/products/cloud-exchange.
  * Successfully developed multiple core features and reviewed many code pull requests, including the development of a feature for collecting and transforming SIEM logs..
  * Optimized the codebase by using hashmaps, reducing for-loops, and implementing indexing in MongoDB to reduce time complexity, resulting in faster system performance.
  * Developed 3 third-party plugins, including ServiceNow, Security Score Card, and Third Party Trust, for the Application Risk Exchange module, providing customers with enhanced functionality and integration with other tools.

- **Human Resource Management System (HRMS)** | *Python, Flask, GraphQL, MongoDB, Celery, Docker, Pytest, React.js, Redux*

  * Successfully implemented a new Importer module that utilizes CSV files to update employee details, resulting in a significant improvement in the efficiency of the HRMS system. By utilizing mutation on each row and scheduling a celery task for sending emails, the process has become streamlined and automated.
  * Further optimized this feature by grouping rows and handling expectations, resulting in improved system performance. By returning a list of failed rows in a graphene object, errors can be quickly identified and corrected, saving valuable time for the organization.
  * Boosted the overall performance and efficiency of the system by refactoring three major modules and resolving various bugs.
  * Upgraded all library package versions, enhancing system stability, security, and productivity. Additionally, updated the team directory functionality to the latest library, providing access to new features and tools that have increased team productivity and collaboration.

Projects

Medibot | *Python, ML, NLP, MySQL*   **2021**

- Medibot is a Chatbot integrated website for COVID-19 and normal patients which can predict heart disease and provide information about precautions.
- As a Back-end Developer, I utilized my expertise in Python to perform data cleaning tasks and implement ML algorithms for data analysis. I cleaned and processed over 10,000 rows of data, resulting in a 20% increase in data accuracy.
- Domain: Healthcare.

Blog Web App | *Django, postgreSQL*   **2020**

- Created an interactive online platform using **django** where all information in discrete and informative text form entries (posts) are published.
- A scalable and user-friednly web-app with user Authentication.