

# Jahnvi Seth

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## Skills

React | JavaScript | Typescript | CSS | D3 | LLMs | ML | AI | Python | Neo4j | AWS | Terraform | C++ | C | Git & GitHub | SQL | Django

## Work Experience

- **Software Developer at JP Morgan Chase & Co.** 08/2023-12/2024
  - Contributing to project **AHEAD** whose aim is to provide a dashboard of AWS health events across accounts
  - Worked on a POC using **BERTopic** which could help identify the top issues which leads to increased user tickets
  - Worked on POC using **Ilm suite** to write **JIRAs** in STAR method & integrate it with year end review portal
  - Developed **Knowledge Graphs** and **GraphDB** using **neo4j** for presenting highly connected data used in audit purposes
  - **Guided** and trained new team members, enhancing their skills and familiarizing them with current projects
- **Grader, Computer Vision and Artificial Intelligence** 05/2023-07/2023
  - **Graded** assignments for Artificial Intelligence and Computer Vision courses under Dr. Rishabh Kaushal.
  - **Evaluated** code on neural networks, machine learning, data pre-processing, and deep learning.
  - Resolved student doubts and **provided** technical guidance.
  - **Conducted** viva tests and graded student performance.
- **Microsoft Intern in Microsoft Defender for Office 365: Pre-Breach Area** 05/2022-07/2022
  - Worked on **Mail Flow Analyzer** project
  - Aim of the project is to build a tool for **analyzing mail flow and the verdicts** associated with it using a given **NetworkMessageId** (which is unique for each mail received) using Hygiene logs.
- **ML/AI Summer Internship at IBM Skills Academy** 06/2020-07/2020
  - **Tech stack:** **nlTK** and **OpenCV** libraries in python for NLP and Image processing
  - Developed a [book recommendation model](#)
  - Used **scipy** library and **KNN** to make the model that recommended 5 books to the user on the basis of similarity
  - Implemented various **ML algorithms** like **decision trees**, **random forest**, etc. using python

## Projects

- **AHEAD** 08/2023-12/2024
  - **Tech Stack:** React, JavaScript, AWS, Terraform, Python, Cypress, Maven, Java, JIRA, Agile, Bitbucket, Testing
  - **Developed** front-end features using React, JavaScript, and CSS, enhancing user interface & **fixed** java backend APIs
  - **Provisioned** scalable **AWS** infrastructure using Terraform, streamlining cloud operations.
  - **Led** the task of **end-to-end functional tests** with **Cypress** and automated reporting using **Mochawesome**, while mentoring **2** new joiners on this task and completing the task in **1 sprint** to meet tight deadlines.
  - **Collaborated** with **2** client teams to gather requirements and **developed** architecture for 1 integration
  - **Automated workflows** by developing Python scripts for AWS Lambda and other functionalities, increasing efficiency
- **SEP developer bootcamp** 09/2024-09/2024
  - **Tech Stack:** Cypher Query Language (CQL), Neo4j, Knowledge Graphs, GraphDB, Python
  - **Collected and processed** data from sources using Python scripts to ensure data readiness
  - **Utilized** CQL to design and populate a knowledge graph, through database modeling techniques and **leveraged** Neo4j to visualize the graph
- **AI powered Google Slides** 06/2023
  - **Developed** a Google Slides functionality using Apps Script with ChatGPT and DALL·E APIs to generate content and images based on user-provided slide topics
- **Mail Flow Analyzer** 05/2022-07/2022
  - **Tech stack:** React, Typescript, C#, ASP.NET MVC and FluentUI, d3, dagre-d3-react libraries
  - Developed a visualization tool which will **help variety of people** and **reduce time spent** in solving customer escalations regarding misclassification of emails
  - In **Detailed View**, all rule execution information is present in **tabular format** with search filtering whereas in **Graphical View**, information is present in **collapsible graph** and **traversal between 2 graphs** is possible

## Achievements & Awards

- **Recognition** – I was recognized **2** times at JPMC for **exceptional** achievement in **Execution Excellence** category
- **Winner, JPMC Code for Good 2021**- My team was selected as a **winner** for The Social Town NGO in the national-level hackathon- Code for Good. This year **100** teams with **640+** students and **11** NGOs participated in CFG.
- **Recipient, AWS Machine Learning 2021 Scholarship**
- **AWS Certified** Cloud Practitioner and HashiCorp **Certified** Terraform Associate

## Education

| Qualification | Year | Specialization         | Institute | CGPA/% |
|---------------|------|------------------------|-----------|--------|
| Master's      | 2026 | Data Science (CDA)     | ASU       | -      |
| B.Tech        | 2023 | Information Technology | IGDTUW    | 8.78   |

## Extra-Curricular Activities

- **Co-founder, Kairos**- An initiative which focuses on helping college students, know about opportunities at right time.
- **Core team member, Quicksort IGDTUW**- Being a part of Quicksort, my work (not limited to) includes promoting the society for growth, design test cases, hosting podcasts, etc.