Etesam Ansari

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EXPERIENCE

Software Engineer   June 2023 – Present
Balyasny Asset Management   *New York, NY*
- Created a Python chatbot using OpenAI function calling to retrieve macroeconomic instruments and visualize them using data tables and line/candlestick charting
- Worked with three other developers to create a React application that helps traders sort and filter data using tables (AgGrid), display data using graphs (lightweight-charts), and query data using Python & Excel code
- Added a high priority feature to the Data Catalog application (used by 400+ traders and sector data analysts) that allows written insights to be tagged to multiple datasets
- Utilized GraphQL resolvers, Strapi, and PostgreSQL to implement this

Frontend Engineer Intern   May 2022 – August 2022
Meta   *New York, NY*
- Collaborated with two other software engineers on Mephisto, a data collection platform that allows researchers to easily publish tasks that users can complete for money
- Published a new version of a npm library that has 20,000+ downloads and added two React.js components to it: tips and feedback
- These components were used in tandem with a OOP Python backend and a SQLite database to improve user-to-user and user-to-researcher communication by 45%
- Configured end to end testing and continuous integration with Cypress and GitHub actions to achieve 100% test coverage on the examples

Software Engineer Intern   June 2021 – August 2021
Genesys   *New York, NY*
- Jointly developed a serverless application that automates the uploading of VPAT (Voluntary Product Accessibility Template) files whenever a change is made in a GitHub repository
- Created a dashboard which displayed the VPAT files from the database as well as other important information (file name, team name, team contact email, etc...)
- This tool was used by the 30+ internal teams at Genesys when submitting their VPAT files for their products
- Employed a AWS application load balancer, lambdas, DynamoDB, s3, and Jenkins to make this possible

Software Engineer Intern   June 2020 – September 2020
Correlation One   *New York, NY*
- Worked alongside two fellow developers to make substantial UI improvements to the Assess, Connect, and About pages of the main website using React.js
- Setup a Contentful database to get data for each of the 30+ employees on the About page

EDUCATION

Columbia University   New York, NY
Bachelor of Science in Computer Science   *September 2019 – May 2023*
- **Relevant coursework:** User Interface Design, Introduction to Databases, Data Structures in Java, Open Source Development, Introduction to Devops, Database Systems Implementation, Parallel Functional Programming, Visual Interfaces to Computers, Artificial Intelligence

PROJECTS

react-magic-motion | *JavaScript, React, HTML/CSS, Git, vitest*   September 2023 – November 2023
- A npm package that automatically animates React.js components
- Implemented automated testing with vitest, react-testing-library, and GitHub actions.
- Created a documentation website for the package that got 7,500 visitors and 25,000 page views in the first 15 days.

Euismod | *JavaScript, React, Styled Components, HTML/CSS*   April 2021 – May 2021
- Website that makes learning CSS grid easy and interactive
- Achieved 20,000+ unique visitors in a month and got featured on css-tricks.com/euismod

SKILLS

Technologies: React, JavaScript, Python, SQL (Postgres), REST API, GraphQL, HTML/CSS, Git