

ZEAL PATEL

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EDUCATION

The City College of New York, New York, NY

Expected, Spring 2022

B.S., Computer Science, GPA: 3.45

- ***Relevant courses:*** Data Structures, Algorithms, Software Engineering, Operating Systems, Database Management, Scientific Programming, Probability and Statistics, Programming Paradigms

SKILLS

Programming Language: TypeScript, JavaScript, Java, Python, C++, SQL, HTML, CSS

Frameworks and libraries: Node, React, Express, Prometheus, GraphQL, Koa, Jest, Mongoose

Tools: Grafana, Git, Figma, Visual Studio Code, IntelliJ IDEA, Postman

EXPERIENCE

Engineering Summer Analyst, Goldman Sachs, New York, NY

June 2021 – Present

Used – Java, Prometheus, Grafana

- Built a monitoring prober that monitors the proportion of successful calculations to ensure the team always gets the freshest data possible.
- Created a mongoDB collection to store performance metrics of REST services.
- Created API endpoints to query performance metrics of REST services which will be used to build monitoring system.
- Visualized performance metrics using Grafana.

Full stack Engineer Intern, Hero, New York, NY

June 2020 - Present

Used – TypeScript, JavaScript, Python, Node, Koa, React, GraphQL, Git, Postman Jira, Confluence

- Built a micro-frontend & backend service that allowed Hero to track offline sales attributions.
- Developed RESTful API endpoints.
- Worked with Shopify's REST and GraphQL API's to build new features and improve existing ones.
- Designed React components for Hero's analytics platform.

PROJECTS

Foodtopia

Used – TypeScript, Node, Express, React, MongoDB, Mongoose, Material-UI, socket.io

- Developed a full-stack online restaurant order and food delivery application where there are four types of users which are managers, chefs, delivery people, and customers, each with their own set of features.
- Designed the entire application using Figma.
- Lead the development of RESTful API for the backend which enabled us to store user information, images of menu items, and engage in live discussion using web sockets.

Epsilon

Used – JavaScript, Node, Express, React, PostgreSQL, socket.io

- Designed and developed the frontend of a web application that allows teams to manage their agile projects as well as communicate with team members using the live chat feature.
- Implemented persistent live chat feature among group members.

Bud-Get

Used – JavaScript, Node, Express, React, MongoDB, Mongoose, Material-UI, JSON Web Tokens

- Developed a full-stack web application from end-to-end that intends to help manage your budget and give you analytical insights about it.
- Developed RESTful API for the backend enabling user data to be stored in an online database.