Slava Melikov

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Experience

Orbital — *Fullstack Engineer*

2023 - **Present**

- Developed an event-driven data tracking application by utilizing **Kafka** clusters in order to greatly improve developer productivity and operations by enabling easy access, analysis, and task completion of the data.
- Engineered and visualized the analysis of the clusters by providing metrics like CPU Usage of a **kafka** Broker Bytesin, Message Request, Producer Request, Consumer Requests, Topics, and their partition by utilizing **React**, **Material UI**, **React Router**, and **React Hooks.**
- Incorporated **OAuth 2.0** with cookies, JSON web tokens, Bcrypt, and a NoSQL database to establish a customized cluster monitoring dashboard.
- Employed **CI/CD** tools, Github actions, **Docker**, and **AWS** to deploy the application effectively by improving deployment time by 25%.
- Designed and implemented a real-time data visualization module that visualized data from **Promtheus** using **Chart.js**, **React**, and **Material UI** to enhance the tracking application's analytical capabilities with intuitive graphs and responsiveness.

M'NY Flowers— *Software Engineer (Full Stack)*

2016 - 2022

- Integrated with **Stripe** in order to allow users to purchase flowers from the business as the core revenue stream.
- Fabricated a shop page with a shopping cart feature to provide users the ability to create orders by sending user authenticated requests to the **Node.js/Express.js RESTful API** server.
- Designed and developed the admin dashboard with **React.js** components that made requests to the **Node.js/Express.js RESTful API** server to retrieve and manage order data from the **MongoDB** database.
- Deployed the e-commerce application with AWS services in order to support thousands of monthly users.

Projects

RecipeAI — *Recipe AI Generator*

React | NodeJs | Express | MongoDB | OpenAPI | Material UI

- Developed a custom algorithm that leverages **OpenAI API** to generate unique and personalized recipes for users to increase user engagement and satisfaction by 10%.
- Conducted extensive automated testing by utilizing **Jest** to ensure user flows were smooth and seamless.
- Included user authentication by developing **RESTful APIs** to store and retrieve user data from the **MongoDB** database.
- Constructed **React Material UI** components to build core pages such as a landing home page which allowed users to input ingredients in order to generate recipes they can save for later and view.

Tech Events

- Presented a tech talk on state management alternatives, sponsored by Jeeny and Bractlet, engaging peers and fellow engineers in a discussion about various options and their suitability for different application scales.
- [Orbital Medium Article](#)

EDUCATION

CUNY Brooklyn College

Brooklyn, New York—B.S., Accounting

SKILLS

Frameworks/Libraries:
React, React Router, Redux, Node.js, Express.js, Next.js, Spring Boot, Material UI, Bootstrap, Tailwind, Babel, Webpack, Chart.js, Bcrypt

Databases:
MongoDB, Postgres

Testing:
Jest, Prometheus

Deployment:
AWS (S3, EBS, EC2, LB, R53), Docker, GitHub Actions

Other:
Git, npm, Agile, TDD, Cron, Jira, Asana, Kanban, RESTful API, SOLID, OOP, OAuth, CI/CD, Kafka, OpenAPI, JSON, Cookies

LANGUAGES

Javascript (ES6+)
SQL/NoSQL
HTML5
CSS3/SCSS/SASS
Python