Kenneth Lee

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Experience

5/2022 – 1/2023 **Full Stack Software Engineer at MikMak**

New York, New York

- Expanded market opportunities for MikMak in 29 countries by implementing i18n for *Commerce*, a Where to Buy solution for brands, to allow users to search for stores outside of the US.
- Achieved compliance with data privacy laws for user-facing applications by integrating a third party data privacy management software and refactoring the user event sending architecture.
- Built the foundation of a new API, which would replace all *Commerce* GET endpoints, and migrated from Firebase to PostgreSQL to reduce the latency and cost of fetching data.
- Supported and maintained the post release of integrating VIP, an alcohol inventory database, which expanded the clientbase to include Alcohol brands.
- Improved code security by integrating a developer security platform to the CICD pipeline.
- Saved the team an hour per sprint by automating deployments to QA environments with GitHub Actions and Heroku when testing staging and feature branches.
- Managed the team's GitHub repositories and introduced the GitFlow development workflow.

2/2020 – 5/2022 **Front End Software Engineer at American Express**

New York, New York

- Architected and built crucial features for MVP while working closely with product owners.
- Reduced page load time by 70% by rearchitecting Angular components and API pagination.
- Improved readability and programming efficiency by refactoring components to use Angular services and models.
- Learned quickly and took on the Angular codebase as the only front end engineer.
- Proposed and implemented new development workflows and documented existing processes.

5/2019 – 12/2019 **Full Stack Intern at INFOLynx**

Teaneck, New Jersey

- Utilized Leaflet to create a JavaScript map component that shows locations in real time.
- Deployed AWS Lambda functions, such as database lookups and location updates via text with Nexmo, MongoDB, and Mongoose. API requests were tested using Postman.
- Lowered Lambda runtimes by 30% by redesigning the database with the Senior Developer.
- Set up a file upload feature by hooking up AWS Lambda and S3 to a JavaScript component.

1/2019 – 2/2019 **Software Contractor at CTFd**

New York, New York

- Created and integrated templates for DropBox CTF's theme with CTFd's theme using Jinja.
- Turned system vulnerabilities into CTF challenges by hosting web apps on Linux servers.
- Delivered containerized CTF challenges to the Technology Student Association.
- Combined web development skills with Docker to build light and portable web applications.

Education

9/2016 – 12/2019 **New York University**   **GPA:** 3.51

B.S. in Computer Science, Minor in Mathematics

Technical Skills

Proficient in JavaScript, React, Angular, Vue, Python, C/C++, Java, Jest, HTML, CSS, Tailwind CSS, MongoDB, SQL, AWS (Lambda, S3, API Gateway), Git, GitHub Actions, Docker, Jira