Kenneth Lee

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Experience

4/2023 – Present

Senior Software Engineer at Capital One
New York, New York

- Led cross-team coordination to launch digital enrollment email reminders, increasing authorized user digital enrollment by 15.4% YoY, leading to a 6.6% YoY increase in purchase volume.
- Automated end-to-end testing and account conditioning, saving 1–2 hours per week and accelerating release sign off.
- Optimized test account conditioning, improving build reliability and reducing runtime by 80%.
- Architected reusable shared modals by introducing Angular standalone components to the codebase, reducing redundant development across small business card teams.
- Led A/B testing integration, optimizing UX and content to boost digital enrollments by 9% and reduce authorized user removals by 11%.
- Mentored engineers across teams, driving adoption of testing frameworks and expanding test coverage.

5/2022 – 1/2023

Full Stack Software Engineer at MikMak
New York, New York

- Expanded global presence to 29 countries by implementing internationalization (i18n) for *Commerce*, enabling users to search for stores outside of the U.S.
- Achieved regulatory compliance for data privacy laws by integrating a third-party consent management system and securing legal approval for continued operations.
- Designed and implemented a high-performance API in Node.js, reducing query latency and cutting cloud costs by migrating to PostgreSQL.
- Maintained and supported VIP (alcohol inventory database) post-launch, unlocking new partnerships with alcohol brands and expanding revenue streams.
- Automated deployment pipelines using GitHub Actions and Heroku, reducing QA build times and saving engineers an hour per sprint.

2/2020 – 5/2022

Front End Software Engineer at American Express
New York, New York

- Optimized core financial dashboards, reducing page load times by 70%, improving customer experience and conversion rates.
- Designed scalable, reusable components by leveraging Angular services and models for better maintainability.
- Took full ownership of front-end development for key features, driving engineering excellence as the sole Angular developer.
- Established development workflows and documentation, reducing onboarding time for new engineers and improving development efficiency.

Education

9/2016 – 12/2019

New York University   **GPA:** 3.51
B.S. in Computer Science, Minor in Mathematics

Technical Skills

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