

Brian Khoo

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FULLSTACK SOFTWARE ENGINEER

Hi I'm Brian a driven and results-oriented Fullstack Engineer with expertise in Javascript, React, Express, Python, Flask, and MongoDB, dedicated to delivering high-quality solutions that exceed customer expectations. Passionate about leveraging technology to solve complex problems and improve user experiences.

TECHNICAL SKILLS

React.js, Redux, Express.js, SQL, PostgreSQL, SQLite, SQLAlchemy, Flask, Python, Javascript, HTML, CSS, JSX, CRUD, RESTful API, Object Oriented Programming, Github, VSCode, MongoDB, Node.js, Tailwind CSS, Next.js, Typescript, Prisma.io

PROJECTS

Bootcamp Brokers - [GitHub](#) | [Live Website](#) Group Project | React, Redux, Python, Javascript
A financial website built in the style of Robinhood.

- Integrated the AlphaVantage Finance API to provide users with real-time stock data, enabling them to experience paper-trading in a realistic and immersive way.
- Implemented React Chart JS to create visually engaging data visualizations of user portfolios and stock data, enabling users to quickly and easily analyze their investments.
- Developed a context-aware support chatbot using the GPT 3.5-Turbo Open AI API and prompt engineering techniques, enhancing the user experience by providing helpful assistance with using the website.

AIdea - [GitHub](#) | [Live Website](#) React, Redux, Python, Javascript, PostgreSQL, Flask
A Notion like application designed for productivity and being a canvas to the users mind utilizing AI

- Developed a powerful platform that empowers users to easily create notes and content utilizing the power of AI in the form Chat GPT 3.5 Turbo API from Open AI
- Users can also create code blocks and access other advanced features, making it an ideal solution for individuals and teams seeking a Notion-like experience.
- Built with a user-friendly interface that allows users to easily edit and customize their own pages.

EXPERIENCE

App Academy

Full Stack Software Engineering Program

Sep 2022 - March 2023

- Completed a rigorous full-time software engineering curriculum, including in-depth training in programming languages such as Python, Javascript, and SQL.
- Gained hands-on experience developing web applications using popular frameworks such as Express, React, Redux.
- Learned best practices for software engineering, including Agile methodologies, test-driven development, and version control using Git.

Business Owner

eCommerce Business

Feb 2016 - Nov 2022

- Achieved exceptional revenue growth by implementing process improvements and enhancing operational efficiency.

- Directed and coordinated activities across multiple departments, including production, pricing, sales, and distribution, to achieve seamless collaboration and optimal outcomes.
- Built a solid foundation of business acumen, technical skills, and best practices for daily operations, ensuring a strong and sustainable business model.

Lead Operations

JP Morgan Chase

Aug 2021 - June 2022

- Demonstrated leadership skills by overseeing the day-to-day operations of the branch and ensuring smooth and efficient operations.
- Conducted thorough audits of all cash entities including vaults, ATMs, cashboxes resulting in improved compliance with operational standards and reduced risk.
- Managed staffing schedules and delegated specific duties to ensure maximum productivity and customer satisfaction
- Consistently adhered to high quality and service standards, supporting operational goals and fostering a culture of excellence with the team.

Production Lead

Charlotte Russe

Jul 2015 - Oct 2017

- Managed inventory schedules based on supply and demand to meet budget requirements and ensure timely delivery of products to warehouses and stores
- Conducted quality assurance tests on products, verifying compliance with specifications and ensuring that only high-quality items were delivered to customers
- Coordinated product shipments and monitored status of orders, proactively identifying and resolving issues to prevent delays or disruptions

EDUCATION

App Academy

FullStack Software Engineering Student

Southern New Hampshire University

Bachelor's Degree, Finance