

BEN HSIEH

Software Engineer

347-257-9966 bqh5026@gmail.com [Portfolio](#) [LinkedIn](#) [Github](#) Chicago, IL

SKILLS: Proficient in frontend development with React, React Native, Angular, JavaScript, TypeScript, HTML5, CSS3, jQuery, and Webpack. Experienced in backend development using Node.js, Express, Java, Spring, C#, .NET, Python, Ruby, Rails, and Javalin. Skilled in databases & ORMs including MongoDB, Mongoose, SQL, PostgreSQL, Firebase, GraphQL, JDBC, and Hibernate. Familiar with testing & QA tools like RSpec, JUnit, NUnit, and Mockito. Knowledgeable in DevOps & cloud technologies such as Amazon Web Services (AWS), Docker, Heroku, Jenkins, and Maven. Proficient in version control with Git and GitHub. Experienced in UI/UX & design using Adobe XD and Adobe Photoshop. Worked with APIs & services including Google Maps API and Firebase.

EXPERIENCE:

Full Stack Software Engineer

InductiveHealth

May 2023 – present

- Develop, test, and deploy scalable enterprise software using Java, Spring Framework, JavaScript, Linux, and SQL, ensuring high performance and reliability.
- Partner with product managers to design and deliver cloud-based solutions, aligning technical execution with business objectives.
- Contribute within Agile/Scrum teams to architect, build, and support full-stack applications, following iterative development best practices.
- Utilize Git, GitHub, and SourceTree for version control, maintaining efficient collaboration and code integrity across projects.

Full Stack Software Engineer

JPMorgan Chase

Mar 2022 – Apr 2023

- Developed and maintain enterprise-level software for the Public Lockbox project, leveraging Angular, Java, Spring Boot, C#, .NET, and Microservices to enhance functionality and performance.
- Design and execute unit and integration tests using FitNesse, Mockito, JUnit, and NUnit, ensuring high code quality and reliability.
- Integrate Drools rules engine to streamline business logic and automate decision-making processes.
- Implement CI/CD pipelines with Jenkins following AWS SDLC methodologies, improving deployment efficiency.
- Collaborate in an Agile SCRUM environment, delivering features in 2-week sprints while using Jira, Confluence, and Bitbucket for project tracking and version control.
- Optimize database interactions using Microsoft SQL Server and developed applications in Visual Studio 2019 & IntelliJ.

Full Stack Software Engineer

Revature LLC

Nov 2020 – Mar 2022

- Selected to work on the JP Morgan Chase project, developing and maintaining enterprise-level software using Angular, Java, Spring Boot, C#, .NET, Microservices, C++, and Microsoft SQL.
- Design and implement full-stack applications leveraging Angular, Java Spring (Core, MVC, Boot), Javalin, Hibernate, PostgreSQL, JDBC, Jenkins, Maven, and AWS.
- Ensure code quality and reliability by writing JUnit, Mockito, Selenium Cucumber, and Protractor tests, adhering to TDD (Test-Driven Development) and BDD (Behavior-Driven Development) methodologies.
- Manage application lifecycles using Maven for dependency management and build automation.

PROJECTS:

ROBERTHOOD *Ruby on Rails, SQL, Postgres, React, Redux, News API, Financial Model API, Rechart API*

[live](#) | [github](#)

Financial app that enables real-time stock price search and displays the result in graphical form

- Engineered scalable React components with ES6+ for a dynamic dashboard, ensuring reusability across the application.
- Designed Rails backend controllers to fetch and serve stock quotes, historical data, and financial news via custom API endpoints (/api/news, /api/stocks).
- Enhanced data visualization by customizing Recharts with tailored CSS, improving readability and user experience for stock trend analysis.
- Optimized UI responsiveness using CSS Grid and Flexbox, refining interactive elements (forms, buttons, search) for seamless navigation.

AI TRADING BOT *JavaScript, HTML, CSS, Python, Flask, Alcapi API, Yahoo Finance, MongoDB Atlas*

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Full-stack trading application with real-time market analysis and paper trading capabilities

- Built responsive web dashboard with Flask backend and JavaScript frontend for live trading simulation
- Implemented sentiment analysis using TextBlob and news APIs to drive AI-powered trading decisions
- Developed comprehensive order management system with real-time portfolio tracking and trade execution
- Designed scalable database architecture using MongoDB Atlas for persistent trade history and analytics

EDUCATION:

App Academy (Jan – May 2020) - Completed an intensive 1000-hour software engineering program (admission rate <3%) with a focus on coding best practices, pair programming, and full-stack development.

University of Maryland, College Park – MBA, Information Systems

New York University – BS, Finance