

BEN HSIEH

Software Engineer

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

SKILLS: React & React Native, Redux, Angular, Ruby, Rails, RSpec, Java, C#, .Net, Python, JavaScript, Java, Spring, Jenkins, Maven, TypeScript, Amazon Web Services, MongoDB, Node, Express, SQL, PostgreSQL, Docker, GraphQL, Firebase, HTML5, CSS3, Heroku, jQuery, Google Maps API, Adobe Photoshop, AdobeXd, JUnit, NUnit, Mockito, Hibernate, JDBC, Javalin, Webpack, Git, GitHub

EXPERIENCE:

Full Stack Software Engineer

JPMorgan Chase

Mar 2022 – present

- Work on public lockbox project
- Build, maintain, and test enterprise level software using Angular, Java, Spring Boot, C#, .Net, IIS Express, Microservices, C++, Microsoft SQL Server, FitNesse, Mockito, JUnit, NUnit, Bitbucket, Maven, Visual Studio 2019, and IntelliJ
- Use rules engine such as Drools
- Use AWS SDLC methodologies such as Jenkins for the CI/CD pipelines
- Update application using 2-week Agile SCRUM sprint process

Full Stack Software Engineer

Revature LLC

November 2020 – Mar 2022

- Selected to work on the JP Morgan Chase project
- Build, maintain, and test enterprise level software using Angular, Java, Spring Boot, C#, .Net, Microservices, C++, and Microsoft SQL
- Built various projects involving Angular, Java Spring Core, Java Spring MVC, Java Spring Boot, Javalin, Hibernate, PostgreSQL, JDBC, Jenkins, Maven, and AWS
- Wrote JUnit, Mockito, Selenium Cucumber, and Protractor tests to comply with test-driven development (TDD) & behavior-driven development (BDD) process and used Maven to manage app product cycles

PROJECTS:

ROBERTHOOD *Ruby on Rails, SQL, Postgres, React, Redux, News API, IEX Cloud API, Rechart API*

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

- Used ES6 syntax to build scalable React JS components for splash and dashboard page. Structured ES6 functions so they may be portable in different React JS components
- Set up new controllers for news and stocks and requested data from `api/news#new`, `api/stocks#quote`, and `apistocks#chart`
- Extended default styling and functionality of Recharts library with custom CSS to provide users with an accurate, informative, and intuitive UI for the quick consumption of stock-price data over time
- Built a responsive app with CSS grid system and flexbox and fine-tuned several CSS effects on forms, buttons, search box, navbars, and list items, resulting in a more seamless and engaging navigation of the app

NSTOCK *MongoDB, Mongoose, Express, React, Redux, Node, React Google Maps*

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An inventory app that uses toilet paper as initial proof of concept to allow users to submit stock report based on Google Map place IDs

- Collaborated with a team using a Git version control system where I was responsible for Google map customization and rendering
- Refined React Google Map SearchBox to allow users to re-center map view and place markers based on search location, allowing users to explore different areas of the map by typing a distant location rather than dragging the map to that location
- Implemented info window component with JavaScript click event listener to streamline users' report submission and evaluation

RECIPES DB *JavaScript, HTML, CSS, WebPack, EDAMAM API, Firebase DB*

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A database app that can generate recipes from categories such as meals, breads, cakes, cocktails, or beers

- Used Adobe XD to wireframe the project structure and referenced it as a blueprint in building out the project
- Configured EDAMAM API axios requests to return 100 recipes per search. Added slice method to display 10 results per page. Wrote create button functions that guide users to the previous or next page of search results based on a ternary logic
- Employed CSS 3 to improve UX/UI layout. Devised a combination of CSS before and hover pseudo elements to create shiny effects on pointer hover. Integrated CSS keyframes to generate spinner while search data is loading and passed the spinner to the content page using DOM selectors

EDUCATION:

AppAcademy – Jan through May 2020 – 1000-hour coding school with an admissions rate below 3%, which emphasizes coding style, pair programming, and best practices

University of Maryland at College Park – *MBA Information Systems, 2005-2007*

New York University – *BS finance, 1995-1998*