

## HASAN HUDA

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

### Technical Skills:

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**Languages:** Typescript, Javascript, Java, Python, C#, C, HTML, CSS | **Frameworks / Libraries :** React, React Native, Java Spring, Express, Jinja2, AJAX, jQuery, Material UI, Tailwind, Bootstrap, **Databases:** MySQL, MongoDB  
**Other Technologies:** Git, AWS, Docker

### Education:

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**Stony Brook University | Stony Brook, NY** Aug 2019 - May 2023

- **Relevant Coursework:** Object-Oriented Programming, Scripting Languages, Data Structures, Discrete Mathematics, Programming Abstractions, Theory of Computations, Analysis of Algorithms, Computer Networking, System Fundamentals (I & II), Software Security
- MSA Vice President (2021-2022)

**Coding Dojo | Software Developer Bootcamp** | Fullstack Developer Certificate Nov 2022 - Mar 2023

- Immersive 4-month training program in Python, Java, Mongo, Express, React, Node.js
- Built CRUD applications in under 5 hours
- Spent 1000+ hours on intensive coursework through all phases of project development of full-stack application including building, testing, debugging and deploying

### Technical Projects:

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**Bug Tracker | Full Stack Developer** | [Live Site](#) | [Github-Frontend](#) | [Github-Backend](#) Mar 2023

Web-based bug and ticket management application using React and MongoDB. Key features include:

- User authentication (login and registration) with bcrypt and demo logins for four user roles (Admin, Project Manager, Developer, and Submitter)
- Responsive and highly interactive front-end using Material UI for an appealing user-friendly look
- Scalable back-end developed with Express and other Node.js frameworks
- Efficient and seamless data exchange between front-end and back-end using RESTful API
- CRUD (Create, Read, Update, Delete) functionality with varying levels of user access/role
- Technologies used: **Javascript, React, MongoDB, Material UI, CSS, JSON, HTML, Express, Axios**

**Budget App | Full Stack Developer** | [Live Site](#) | [Github-Frontend](#) | [Github-Backend](#) Apr 2023

Web-based budget application to track transactions, budgets, and goals using Java, React, and Mongo.

- Developed user authentication with bcrypt and included demo login
- Utilized TailwindCSS and React to create a responsive and interactive front-end with intuitive navigation
- Built a scalable back-end with Java and Java Spring to facilitate rapid development of web applications
- Enabled seamless data exchange between front-end and back-end using RESTful API.
- CRUD functionality for transactions, budgets, and goals
- Technologies used: **Java, Spring, Javascript, React, TailwindCSS, CSS, MongoDB, Axios**

**Fiscal Fit | Front End Developer** | [Live Site](#) | [Github](#) May 2023

A frontend web application promoting a financial tracker with a modern design.

- Promotes a comprehensive financial tracker for users to manage finances with ease
- Leveraged React to create a robust architecture with reusable components
- Incorporated TailwindCSS for a modern and visually engaging design
- Features eye-catching images and interactive elements, including an intuitive navbar and captivating sections for stats, testimonials, and more
- Technologies used: **React, TailwindCSS, Javascript, CSS, HTML**

### Work Experience:

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**Islamic Center of Long Island** | Old Westbury, NY | School Teacher Aug 2021 - Aug 2022

- Instructed high school students on complex topics relating to jurisprudence, theology, and law, utilizing engaging teaching methods and tools such as visual aids, diagrams, and presentations
- Fostered open communication with parents through regular updates on student progress and achievements, and addressing any concerns or questions they may have had
- Participated in regular meetings with other teachers and administrators to collaborate on effective teaching strategies, share best practices, and provide leadership when necessary