# Quiahn**M Ballou**

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## Skills

**Programming Languages:** HTML, CSS, JavaScript, Python, SQL
**Frameworks & Libraries:** React, Express, JQuery, Node JS, Mongoose, Django, Bootstrap, TailwindCSS
**Tools:** MongoDB, Microsoft Azure, Git, WebSocket, Agile

## Projects

### File Sharing Project - Archi.vin

*React, Express, CosmosDB, Bootstrap, SASS, Node.js, Microsoft Azure*

*https://quiahn.github.io/archi.vin/*

AZURE AUDIO FILE SHARING PROJECT WHERE USERS CAN UPLOAD FILES, VIEW THEM IN THE BROWSER, AND SHARE THEM WITH A LINK

- Utilized Azure Storage to upload and download audio files.
- Stored user data using CosmosDB.
- Built website using React, Bootstrap, and SASS for the front-end and Node.js and Express for the back-end.
- Protected website against cross-site scripting using cors.
- Deployed project using GitHub pages and heroku.

### To Do List Project - Monthly

*React, Express, MongoDB, Bootstrap, SASS, Node.js*

*https://niq-project.github.io/niq/*

TO DO LIST PROJECT WHERE THE FRONT-END WAS THE MAIN FOCUS.

- Worked with a team using agile methodologies.
- Protected website against cross-site scripting using cors.
- Designed mock-ups of website using figma.
- Planned back-end using ERD diagrams.
- Built React, Bootstrap, and SASS for the front-end and Node.js and Express for the back-end.

### Hackathon Project - CardWars

*React, Express, MongoDB, Tailwind CSS, Node.js*

*https://www.cardwars.org/*

HACKATHON PROJECT WHERE MY TEAM HAD A WEEK TO BUILD A ONLINE CARD GAME'S BACK-END AND FRONT-END.

- Built website using React and tailwindCSS for the front-end and Node.js and Express for the back-end.
- Used WebSockets to make live chat rooms.
- Deployed project using Netlify and heroku.

### Social Media Project - Your Turn

*JQuery, Express, MongoDB, Bootstrap, SASS, Node.js*

*https://quiahn.github.io/your-turn/*

SOCIAL MEDIA PROJECT WHERE USERS CAN MAKE A DAILY POST AND HAVE A CHANCE AT HAVING THEM SHOWN TO THE HOMEPAGE.

- Built website using JQuery, Bootstrap, and SASS for the front-end and Node.js and Express for the back-end.
- Deployed project using Github pages and heroku.
- Designed mock-ups of website using figma.

## Experience

### Software Engineer Immersive

GENERAL ASSEMBLY

*Boston, MA*
*June 2021 – September 2021*

- Designed and built 5 secure full-stack web applications.
- Modeled and stored data in SQL and NoSQL databases.
- Consumed and integrated third-party APIs in applications.
- Built front-ends & back-ends using latest technologies.
- Deployed applications to the web using cloud-based hosting.
- Worked in an agile scrum format to develop a working product as a member of a team.

## Education

### General Assembly

CERTIFICATION IN SOFTWARE ENGINEERING

*Boston, MA*
*June 2021 – September 2021*

### Capital Region Career and Technical School

CERTIFICATION IN COMPUTER-NETWORK TECH

*Albany, NY*
*September 2016 – June 2018*