

Charles Basedow

Software Engineer | Long Island, New York

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I am a highly motivated software engineer with a passion for writing clean, maintainable code. With many years of diverse job experiences and playing a collegiate sport, I have a strong foundation of communication skills and thrive when accomplishing tasks in collaborative environments.

SKILLS

Languages - JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - React, Node.js, Express.js, Flask

Database - MongoDB, Mongoose, PostgreSQL | **Other** - RESTful Routing JSON

SOFTWARE DEVELOPMENT PROJECTS 01/2022-04/2022

Blackjack Game App

- Used JavaScript, HTML, and CSS to build a responsive web browser Blackjack game
- Programmed game logic in JavaScript to manage game conditions and render the correct scenario
- Wireframed and planned UI design of application using Wireframe.cc and Trello

Workout App

- Designed an app that gives the user the ability to track their workouts
- Utilized Express.js and EJS in conjunction with MongoDB to deliver full CRUD functionality
- Implemented user authentication with Google OAuth

Budgeting App

- Designed a full-stack budgeting app with a team that lets the user create a budget to manage their incomes and expenses
- Used React.js to serve the front-end with JavaScript methods and functions
- Utilized a MERN stack (MongoDB, Express, React.js, Node.js) to build a full stack application in 1 week. With full create, read, update, delete (CRUD) operations hitting all RESTful API calls

Password Vault

- Created a password manager app to help the user manager their passwords under one domain
- Implemented a SQL database using Flask and PostgreSQL
- Used CSS grid to keep the passwords organized in one space to create a user friendly experience

PROFESSIONAL EXPERIENCE

Twitch, Broadcaster | Remote 10/2017 - Present

- Produced and broadcasted live content to a worldwide audience by editing videos, operating audio and video equipment
- Implemented strategies using analytics to grow the audience and enhance the production
- Established a relationship with the audience to create brand loyalty

Suny Farmingdale, Cashier/Picker | Farmingdale, New York 03/2017 - 12/2019

- Operated the cash register using a POS system
- Used heavy machinery to clean up and organize the inventory in a timely manner
- Built a rapport with co-workers to streamline operations

EDUCATION

GENERAL ASSEMBLY | REMOTE

Software Engineering Immersive 01/2022- 04/2022

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.