

## **Broch Baltzer**

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github.com/brochb | linkedin.com/in/brochb  
<https://react-singlepage-portfolio.netlify.app/>

### **Full Stack DU Bootcamp Skills**

- ☐ HTML, CSS, Javascript
- ☐ Employed APIs, both third party and home-made server-side APIs, to enhance application functionality.
- ☐ Utilized Express with Node.js, predominantly through NPM and GitBash terminal, implementing GET/POST/PUT/DELETE methods to create robust application routes
- ☐ Emphasized Object-Oriented Programming principles to ensure scalable and maintainable applications
- ☐ Employed tools like Insomnia and Postman for API testing and programmatic tests, ensuring robustness against future updates.
- ☐ Proficient in database development and maintenance, utilizing SQL and MongoDB
- ☐ Developed React-based front-end solutions for responsive and efficient web navigation
- ☐ Implemented adaptive design techniques to optimize user experience across multiple devices (phones, tablets, computers, TVs, etc)

### **Projects I've worked On**

Developed dynamically created applications, optimized for use cases in school. These can be optimized for any use case. These can all be found on my portfolio page.

### **Full Stack Applications**

#### **Workday Scheduler**

A simple calendar application utilizing adaptive design principles for scheduling your workday.

<https://brochb.github.io/workDayScheduler/>

#### **The Incredible Quiz**

Unique, and interactive quiz application designed with responsive design in mind to improve user engagement.

<https://brochb.github.io/theIncredibleQuiz/>

### **Back End Applications**

#### **SVG Generator**

CLI application for generating scalable SVG images, employing algorithmic scaling up to 3 characters.

<https://github.com/brochb/SVG-Generator>

## **README Creator**

Tool designed to simplify README file generation, enhancing documentation practices. Personally one of my favorite projects, and I have found the most use out of it.

<https://github.com/brochb/Create-README.md>

## **Employee Tracker**

CLI tool to manage corporate command hierarchy, ensuring efficient workforce management.

[https://github.com/brochb/employee\\_tracker](https://github.com/brochb/employee_tracker)

## **Employment History**

### **Protech Automotive Solutions | Denver CO**

December 2018 – May 2024

- ❑ Innovated and implemented ADAS calibration equipment, pioneering its use in Colorado and establishing mobile PCU trucks and vans, setting a national standard for Caliber Protech Automotive Solutions.
- ❑ Skilled in communication with automotive shops and stakeholders to coordinate plans and ensure customer satisfaction while effectively resolving issues.
- ❑ Demonstrated fairness and adherence to service procedures outlined in manufacturer literature and company policies, maintaining compliance with Caliber/Protech guidelines.
- ❑ Proficient in documenting actions, storing evidence, and maintaining references for accountability and company records.
- ❑ Effective in managing transitions and changeovers, providing a two-month notice and assisting with smooth handover of responsibilities upon relocation to South Dakota.
- ❑ Detail-oriented approach in all activities, ensuring accuracy, compliance, and protection of personal and company interests.
- ❑ Proven ability to innovate and adapt in a dynamic automotive environment, contributing to process improvement and operational efficiency.

### **AsTech | Denver CO**

December 2017 – Late 2018

(Held this position for the first 3 months as a temp through Volt Workforce Solutions)

- ❑ Operated and maintained control units for data transfer from vehicles to a remote site in Texas, facilitating comprehensive vehicle scans and service recommendations.
- ❑ Skilled in managing data transmission processes, ensuring secure, accurate, and reliable transfer of vehicle diagnostic data to remote locations.
- ❑ Effective communication skills in coordinating with technicians and stakeholders to facilitate smooth workflow and resolution of disputes.
- ❑ Optimized critical work flow in order to continuing delivering excellent results even when the workload increased more then double during the busiest times.
- ❑ Detail-oriented approach in maintaining documentation and records, ensuring compliance with company standards and procedures.

## **Educational History**

### **University of Denver with EDX | Denver, CO**

#### **Certificate of Completion**

June 2023 – December 2023

Full stack bootcamp for both front-end, and back-end. Learned to code using the swift approach, and programming from an Object Oriented Programming perspective, Recently I have also learned how to code from a functional perspective as well, and I'm confident in my ability to choose the right approach for each project. Learned how to structure project directories using the Model-View-Controller approach.

Skills acquired include HTML, CSS, Git, JavaScript, Third-Party and Server-Side API's, Node.js, Express.js, SQL, Object-Relational Mapping, some Computer Science, NoSQL (MongoDB), GraphQL, the implementation of Progressive Web Application (PWA) to existing applications, React, Full Stack deployment using MERN, JWT technology, server side authentication, State.

### **Guilford Technical Community College | Greensboro NC**

#### **Mathematics**

April 2010 - October 2011

Studied mathematics and economics with a focus on computer science.

### **University of the Nations | Arvada CO**

#### **Unaccredited Communication/International Study**

Conducted communication and international studies, contributing to global relief efforts.

### **Forsyth Technical Community College | Winston-Salem NC**

#### **Psychology**

April 2008 - October 2009

Explored psychology and core subjects, enriching understanding of human behavior and social dynamics.

### **High School Degree, High Schools, Perry GA, Kernersville NC, Walkertown NC**

August 2004 - May 2007

Received basic high school diploma with honors, actively participating in honor societies and theater arts.