

CHASE BROCK

(832) 544-0569 | chase.p.brock@gmail.com | [linkedin.com/in/chasepbrock](https://www.linkedin.com/in/chasepbrock) | github.com/sinzek

EDUCATION

University of Houston

Bachelor of Science in Computer Science, Software Engineering Capstone

Houston, TX

Grad date: **Dec 2026**

Lone Star College

Associate of Science

Kingwood, TX

Dec 2023

Courses

C++ Programming, Algorithms, Data Structures, Computer Org. & Architecture,
Computer Networks, Digital Image Processing, Discrete Math, Automata & Computability, Calculus

TECHNICAL SKILLS

Languages: C/C++, JavaScript/TypeScript, Python, SQL, PHP, HTML/CSS

Frameworks/Libraries: React, NextJS, NodeJS, Vite, Tailwind, REST, gRPC

Technologies: Git, Docker, AWS, GCP, PostgreSQL, MongoDB, Supabase, Firebase, Vercel, Redis, WordPress

EXPERIENCE

Full Stack Developer

Blueprint Holdings LLC

May 2024 - Present

Spring, TX

Blueprint Creative | Next.js, TypeScript, Tailwindcss, Supabase

- Designed and developed Blueprint Creative, an idea management tool written with **Typescript** and **NextJS** utilizing responsive design patterns for YouTube content planning, scheduling, and scripting, used both internally and sold as a product
- Implemented dynamic data structures such as customizable fields, multi-step modals, and intelligent search with ranking
- Architected scalable **React** application deployed on **Vercel** using Context API and custom hooks for state management, supporting concurrent users and real-time team collaboration
- Designed and optimized **PostgreSQL** database schema with proper indexing, reducing query execution time by **70%**

Blueprint University | WordPress, PHP, JavaScript, HTML, CSS

- Built and helped scale online course platform to **500k** visits and over **\$30k** in revenue in under one year
- Captured over **8,000** email leads for weekly newsletter and accumulated over **800** community Discord members
- Implemented automated backup systems and monitoring alerts, achieving **99.8%** uptime
- Built custom REST API endpoints handling **2,000+** daily requests with proper error handling and rate limiting

Guest Experience Manager

CAVA

May 2022 – May 2024

Kingwood, TX

- Led and trained a team of 20-25 employees while managing operations, inventory, and budget

IT Intern

Humble Independent School District

Jun 2021 – Sep 2021

Humble, TX

- Assisted with software and hardware setup/installation/updates, technical help desk support, etc.

PROJECTS

WP Bulk Email Password Reset Plugin | WordPress, PHP, JavaScript

Dec 2024

- Developed a lightweight WordPress plugin for bulk password reset emails, designed for large-scale user migrations
- Implemented asynchronous email sending as background processes using AJAX for real-time logging and improved efficiency
- Processed thousands of email queue items using batch processing

Playlist Convertinator 9000 | React, Vite, JavaScript, Node.js, MongoDB, Express.js

Nov 2024 – Present

- Developing a full-stack web application to convert Spotify playlists to YouTube Music playlists and vice versa
- Implemented a React-based frontend with Vite, TailwindCSS, and daisyUI for a responsive and modern UI/UX
- Built a Node.js/Express.js backend with MongoDB for user auth token management and playlist conversion logic

HackUTD X Hackathon | React, Vite, JavaScript, HTML, CSS

Nov 2023

- Developed a web application in 24 hours that analyzes users' financial metrics to determine home purchase eligibility
- Implemented dynamic financial calculations for loan-to-value and debt-to-income ratios using JavaScript
- Built responsive user interface with React components to handle form inputs and display personalized feedback