

BRAYDEN WERNER

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EXPERIENCE

First American Title

June 2021 – Present

Software Engineering Intern

Santa Ana, CA

- Refactored a web application to enable Business-to-Employee authentication
- Saved a team 3 hours a week by building a UI to compile and chart data across SQL Server tables
- Implemented unit testing with xUnit and Mock frameworks
- Organized work using the Agile methodology and met sprint deadlines while working on 3 projects simultaneously
- Built CI/CD pipelines with YAML
- Used React, Angular, JavaScript, C# .NET, SQL Server, Microsoft Azure, Git

University of Michigan

December 2020 – May 2021

Software Engineering Intern

Remote

- Developed scalable solutions for maintaining and expanding a large-scale database
- Deployed code used by thousands of users
- Wrote a complex script to update over 1,000 user documents after refactoring the database
- Used React, JavaScript, Firebase, Recoil, Node.js, Git

CodeLab

October 2021 – Present

Software Engineer

Davis, CA

- Worked in a small team to develop a self-service fitting room web application for a client
- Used Angular, TypeScript, Firebase, Git

PROJECTS

YouTube Thumbnail Game | *React, Next.js, URQL, Apollo Server, Node.js, PostgreSQL, YouTube API, TypeScript*

[Website](#) | [GitHub](#)

- Built a fun and addicting game with over **2,000** monthly players
- Implemented leaderboard rankings, performance percentiles, detailed player profile statistics
- Wrote a script to generate a SQL command to add thousands of random YouTube videos to a PostgreSQL database

Notes Application | *HTML, JavaScript, CSS*

[Page](#) | [GitHub](#)

- Developed a note-taking tool for the desktop with over **55,000** downloads, **40,000** active users, and a 5-Star rating on the steam marketplace
- Implemented multiple pages, undo and redo buttons, a selector tool, adjustable pen sizes and colors

Full Stack Template | *React, Next.js, URQL, Apollo Server, Node.js, PostgreSQL, TypeGraphQL, TypeORM, TypeScript*

[GitHub](#)

- Built a scalable template for React applications with over 160 stars on GitHub
- Introduced server-side rendered data from PostgreSQL, cookie authentication with password encryption, light/dark theme support

Chrome Extension | *React, Node.js, PostgreSQL, Google Cloud Platform, Stripe API, TypeScript*

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- Developed a customizable productivity tool to replace the default Google Chrome homepage
- Implemented video and image uploads to a Google Cloud storage bucket, an auto-saving text editor, a drawing board, JWT token authentication, monthly payment subscriptions with Stripe API, multiple API integrations for other widgets

AWARDS

SharkHacks3, 1st Place | *Team Member*

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- Won 1st place and best use of Google Cloud in a hackathon with over 250 participants

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, GraphQL, SQL, C#, CSS/Sass, HTML5, Java

Frameworks: React, Angular, Node.js, Next.js, Apollo, TypeGraphQL, URQL, .NET Core, Jest

Tools & Platforms: Git/GitHub, Microsoft Azure, Google Cloud, Docker, Google Firebase, Heroku, Netlify, Vercel

Databases: PostgreSQL, MySQL, CockroachDB, SQLite, Redux

EDUCATION

University of California, Davis

Davis, CA

Bachelors in Computer Science

Sep. 2020 – May 2024