

Saumaun Vahedipour

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EDUCATION

University of Illinois at Chicago, Chicago, IL — *Bachelor of Science in Computer Science* | GPA: 3.75

- **Courses:** Data Structures, Machine Organization, Software Design, Computer Algorithms, Mobile Development, Video Game Development, Intro to Machine Learning

PROJECTS

Bug Tracker — <https://bug-tracker-red.vercel.app> November 2022 - Present

- Created a bug tracker application using Next.js, TypeScript, Node.js, and Chakra UI
- Implemented user authentication system utilizing Node.js, Passport.js, and Express.js sessions, providing security and encryption for user data
- Used PostgreSQL as the database solution, resulting in a scalable backend for managing application data and user session data
- Leveraged GraphQL along with the Apollo client/server to efficiently query and manipulate data, leading to a reduction in data payload size and faster load speeds

Full Stack Discord Clone — <https://chatter-rosy.vercel.app> June - September 2022

- Created clone of the Discord chat application using Next.js, TypeScript, and Tailwind CSS
- Used MySQL database with Prisma ORM for creating, reading, updating, and deleting data
- Implemented NextAuth.js in combination with Prisma adapter to authenticate users using Google sign in authentication and session tokens
- Applied Socket.io library with Node.js backend to incorporate real-time chat functionality

Full Stack Amazon Clone — <https://clone-e06ca.firebaseio.com> May - August 2022

- Created clone of the Amazon website using React, TypeScript, and Firebase
- Utilized React's Context API and local storage to keep track of user's shopping cart state
- Used Firebase for user authentication and Firebase Cloud functions in combination with the Stripe API for payment processing, allowing users to purchase products
- Implemented the NoSQL Firebase database to store order history for each user

SKILLS

Languages: JavaScript | TypeScript | SQL | Java | C# | HTML | CSS

Frameworks/Libraries: React | Next.js | Tailwind | Chakra UI | Express (Node.js) | Jest

Tools: Git | Firebase | Context API (React) | GraphQL | MySQL | PostgreSQL | Prisma | AWS Elastic Beanstalk