

Ahmed Abduljader

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PROJECTS

AnonAlyze | [Github](#) | *Next.js, OpenAI, Tailwind CSS, TypeScript, Express.js, Apify API*

Nov 2024

Winner of Best Security Hack by 1Password at CTRLHACKDELETE

- Built a social media security tool to scan user profiles for sensitive public data and provide cybersecurity recommendations, leveraging Next.js for server-side rendering to improve performance and SEO.
- Optimized application performance and enhanced user experience by integrating responsive UI/UX design, reducing load times and ensuring seamless navigation across various devices and screen sizes.
- Integrated Express.js to build a robust backend for handling API calls and ensuring smooth data flow, while optimizing with Apify API to scrape and analyze user digital footprint data effectively
- Employed effective API integrations, and optimized performance, resulting in an impactful and educational security tool recognized by industry experts.

SoundMates | [GitHub](#) | *Next.js, Tailwind CSS, TypeScript, Spotify API, Cohere AI*

Jan 2025

- Developed a social networking application to connect users based on shared music preferences, leveraging Next.js to create an efficient, SEO-optimized platform with fast loading times
- Integrated Spotify API to analyze user listening habits, providing personalized insights into top tracks, genres, and artists
- Utilized Cohere AI by feeding Spotify API user info on a base model set to match users with similar musical tastes, achieving accurate and meaningful connections
- Designed a responsive and intuitive UI using Tailwind CSS and TypeScript, ensuring accessibility across devices.

Broke2Woke | [Github](#) | *NextJS, TailwindCSS, Typescript, Javascript, Cohere AI, Express.js, Node.js, PostgreSQL, JWT, Flask, scikit-learn*

Jan 2025

- Utilized Next.js and TailwindCSS to create a responsive and intuitive user interface.
- Integrated Cohere AI to offer personalized financial advice by analyzing users' spending habits and providing actionable recommendations.
- Implemented JWT for secure user authentication, ensuring a seamless and safe login experience.
- Utilized Flask and scikit-learn to develop a machine learning model that predicts future spending trends, providing users with actionable insights to optimize their budgeting.
- Built the backend with Express.js and Node.js, managing user data securely and efficiently while using PostgreSQL to store financial records and track users' progress in real time

EDUCATION

York University

Toronto, ON

Bachelor of Science Honors in Computer Science

Sep 2024 - Apr 2027

Relevant Coursework

Discrete Mathematics, Intro to Programming C# and Python, Front-End Web Development, Software Design Modeling

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, PHP, C#, HTML, CSS

Frameworks & Libraries: Next.js, React, Express.js, Flask, Tailwind CSS

Databases: MySQL, MongoDB, PostgreSQL

Tools & Platforms: Git, Postman, Selenium, NextAuth, Vite, Clerk

Technologies: RESTful APIs, OAuth 2.0, JWT, Bcrypt

CERTIFICATIONS AND AWARDS

Provost Award Awarded By York University, **\$500 Dollar Scholarship**

Experience Venture Award Awarded By York University Issued by David Kwok Director of Entrepreneurship Innovation, **\$325 Dollar Stipened**

Best Security Hack Award Awarded By 1Password and CTRLHACKDEL

Responsive Web Design Certification By: FreeCodeCamp, Used HTML and CSS to create Responsive webpages including a personal portfolio for the final project.