Alenia Allen

Winston Salem, NC | alenia.allenn@gmail.com | 689-345-4329 | Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Dedicated, passionate and driven Software Engineer with expertise in front-end and back-end development, currently advancing skills in MERN stack technologies through the Per Scholas Software Engineering program. Proficient in JavaScript, React, NodeJS, Express, and MongoDB, with a strong foundation in C++ and SQL. Experienced in developing user-centric applications, integrating real-time data, and optimizing performance for scalable solutions. Passionate about problem-solving and collaborating in agile environments to build efficient and innovative software products.

TECHNICAL SKILLS

- HTML5
- CSS3
- JavaScript

- Git
- SQL
- Bootstrap

- Express
- React
- RESTful APIs

EDUCATION AND CERTIFICATION

Per Scholas | MERN Software Engineering | Remote | May 2025
- Related Coursework: HTML, CSS, JavaScript, Git, TypeScript, NodeJS, Express, MongoDB, React, RESTful APIs

Tamkang University | Computer Science and Information Engineering | Yilan, Taiwan | June 2022
- Related Coursework: C, C++, Java, SQL, Front-End Frameworks

Test of Chinese as a Foreign Language (TOCFL) | Steering Committee | May 2018

PROJECTS

Full Stack Travel Agency Web Application | Web Application that enables users to browse, book trips and leave reviews, while providing administrators with tools to manage tri listings.
Technologies Used: React , JavaScrit, Express, Mongoose, MongoDB, Bcrypt, JWT, Multer, Cloudinary
- **Implemented secure authentication:** Used bcrypt for password hashing and JWT for session management, ensuring role based access control for admins.
- **Integrated Multer and Cloudinary:** Enhanced user experience with trip visuals by 50% using cloudinary for efficient image uploads and storage.

AI Gift Generator | AI generator that suggests three personalized gift ideas based on a user's entered occasion.
Technologies Used: HTML, CSS, JavaScript, APIs
- **AI-Powered Personalization**: Successfully integrated an AI model that increases the accuracy of personalized gift recommendations by 85%, based on user inputs.
- **Enhanced Data Security Measures:** Safeguard 100% of user-entered data through secure API calls and encryption techniques.

PROFESSIONAL EXPERIENCE

Student Phlebotomist | Novant Health Kernersville Medical Center | Kernersville, NC | June 2024 - July 2024
- Collected and processed 50+ blood samples weekly using venipuncture or capillary punctures,ensuring 100% accuracy in patient identification and sample labelling.
- Adhere to strict safety protocols, reducing procedural errors by 30%.
- Managed digital patient records with 99% accuracy, streamlining data entry and reducing retrieval time for healthcare providers.

Administrative Assistant | Tamkang University | Yilan, Taiwan | February 2021 - June 2022
- Handled an average of 25+ student inquiries daily, improving response efficiency by 40% through optimized information retrieval.
- Managed data entry system for students, reducing processing time by 35%, optimizing record-keeping for university administrators.