ALEX TAYLOR
FULL-STACK SOFTWARE ENGINEER

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SKILLS

Languages: Python, JavaScript, Java, HTML, CSS, SQL, Mongo,

Libraries and Frameworks: React, Express.js, Django, Jquery, Bootstrap

Databases and others: Visual Studios, Eclipse, PostgreSQL, Github, MongoDB, RESTful Routing & API,

Cooperative Software Dev, Server-Side Dev, Client-Side Web Dev, Data Structures & Algorithms, UX/UI Design, SDLC Standards

Microsoft Tools: PowerPoint, Excel, Word, Tableau

SOFTWARE DEVELOPMENT PROJECTS   March 2022 - Present

FitQuest| PostgreSQL, Django, Python, Materializ UI - github.com/ramibankale/FitQuest
- Built a Full Stack app "FitQuest" using PostgreSQL, Django, Python, and Materialize UI. Seamlessly integrated tech components to craft a dynamic fitness tracker.
- Engineered workout template creation, exercise history tracking, and custom routine design. Incorporated map APIs for route planning, enhancing user engagement.
- Employed intelligent forms, hidden inputs, and autocomplete mechanisms for efficient exercise selection and storage. Implemented database integration for swift data retrieval and storage.

SyncedIn | MongoDb, Express.Js, Node.js, Bootstrap - github.com/kenneychan/SyncedIn
- Created a robust website for job postings, empowering jobseekers to build their profiles and list their skills while enabling employers to post job listings and search for potential applicants in the user pool.
- Developed a RESTful API with a highly efficient backend powered by Express, MongoDB, and Node.js. The API handles all essential CRUD (Create, Read, Update, Delete) operations, ensuring seamless data management and smooth user experiences.
- Implemented an innovative matching algorithm within the application, intelligently connecting job seekers with relevant job offers. The algorithm automatically compares a worker's skills to the specific requirements of job listings, resulting in improved job matches and increased user satisfaction.

Memory Flash Card Game | HTML, CSS, JavaScript - https://github.com/lavishAl/MemoryGame2023
- Developed a memory flash card game using HTML, CSS, and JavaScript with a mobile-first approach, ensuring a seamless user experience across devices.
- Implemented responsive design using CSS grid and flexbox layouts, providing an aesthetically pleasing and intuitive interface.
- Successfully completed the memory card flash game project within the set timeframe, enabling additional development and seamless integration of extra features to enhance gameplay and functionality.

University of Washington Apartments Listings | Backend Developer
- Deployed a web app for apartment listings using HTML5, CSS, JavaScript, and AWS, with client-side unit tests.
- Led a team of four as Project Manager and Full-Stack Node.js & React Developer, delivering seamless coordination and high-quality results.
- Developed a user-friendly website for UW students, streamlining apartment hunting around campus. Implemented a high-performance REST API (Node.js, Express.js) for efficient data management and smooth communication between the server and the UI.

PROFESSIONAL EXPERIENCE

Praisealujah Discipleship | Data Analyst & Contract Monitor   June 2020 – April 2022
- Strategically managed contracts, maximizing efficiency and cost savings with data analysis and visualization (Excel, SQL). Implemented process improvements for seamless contract handling in a 1 million USD non-profit project.
- Collaborated with vendors, enhancing contract management efficiency through process improvements. Utilized data analysis for informed decision-making and streamlined resource allocation.
- Cross-department collaboration, leveraging data analysis to boost operational efficiency and resource utilization. Identified process optimization opportunities for increased productivity.

UW Seattle | Student Cyber Risk Analyst   September 2020 – June 2021
- Evaluated IT Vendor's risk controls and identified long-term impacts on university departments by connecting technical and business knowledge to decrease overall risks.
- Provide subject-specific content to help clients manage data.
- Collaborated with cross-functional teams, applying Agile planning principles to guide IT Vendor risk analysis and swiftly implemented corrective action plans for security compliance and process improvement.
- Participated in developing and overseeing required corrective action plans relating to security compliance issues and areas of improvement, creating solutions for stakeholders.

EDUCATION

General Assembly | Remote

Software Engineering Immersive   **Expected Graduation August 2023**
- Full-stack software engineering student in a rigorous 12-week, 450+ hour immersive program. Focused on product development, OOP, MVC frameworks, data modeling, and teamwork. Built a diverse portfolio of solo and team projects.

University of Washington | Seattle, WA | Magna Cum Laude Graduate | 3.88 GPA

B.S. Informatics (Concentration: Software Engineering, Cybersecurity, and Project Management)