Eleni Oikonomou

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React front-end developer with a diverse professional background spanning from the legal field to user interface design, bringing a unique skillset to web application development.

PROFESSIONAL SUMMARY

- Adaptable professional with a unique journey from practicing law to data labeling for machine learning applications currently focused on React front-end development.
- Solid foundation in building dynamic and responsive web applications using React.js, JavaScript, and modern frontend technologies (State Management, React hooks, REST APIs, CSS frameworks and version control systems - Git).
- Multi-disciplinary background offers standout perspective that can be leveraged to build innovative user-interfaces.
- Extensive experience in data labeling for training set data enhancement that led to improved machine learning model performance for customers.
- Attorney at Law – barred in Athens, Greece in 2019.

WORK EXPERIENCE

Search Ads Annotator, Appen Ltd   **Dec 2020 - May 2023**
- Evaluated the quality and utility of search query results based on set protocols that directly led to improved machine-learning model test-set quality and subsequent customer machine-learning model improvements.
- Subject to monthly quality reviews to ensure compliance with said criteria while managing own training, on a biweekly basis, to maintain a high standard of work quality.
- Time management, including keeping records of hours worked and adhering to productivity standards.
- Used internal platform and online search tools for said research and query accuracy evaluation.

Search Engine Evaluator, Appen Ltd   **Jan 2021 - Apr 2021**
- Conducted research to evaluate the geographic accuracy of online mapping and routing related tasks through an online work platform, providing comments/feedback.
- Adhered to strict compliance protocols for quality assurance based on monthly performance reviews.
- Time management, including keeping records of hours worked and productivity standards met.

Attorney at Law, DIMITRIS NIKOLAOU, ATHINA KALLIAKOUDA & ASSOCIATES
 LEGAL CONSULTING   **Dec 2017 - Dec 2019**
- Significant experience as an Attorney at Law - responsible for conducting legal research, case preparation, and drafting legal documents, including contracts, pleadings, and client correspondence.

SKILLS

Programming Languages: HTML (Proficient), CSS (Proficient), JavaScript with ES6+ features (Proficient), Python (Familiar)
Technologies: React, Redux, Node.js, Tailwind CSS, Git, Firebase, Rest APIs
UI and Accessibility: Figma, Adobe XD
Soft skills: Critical thinking, attention to detail, strong communication skills, conflict resolution and negotiation, empathy and a client-oriented approach, project management skills
Languages: Greek (native), English (fluent), Spanish (intermediate)

EDUCATION

● J.D in Law, National and Kapodistrian University of Athens, Greece, Faculty of Law   **Sept 2013 - Sept 2017**

CERTIFICATES

● The Frontend Developer Career Path, Scrimba
● Responsive Web Design Developer Certification, freeCodecamp.org
● Introduction to HTML5 Course Certificate, University of Michigan through Coursera
● Customer Analytics Course Certificate, Wharton University of Pennsylvania Online
● Programming for Everybody (Getting Started with Python) Course Certificate, University of Michigan through Coursera

PROJECTS

Main Contributor, WARLOCKS_vs_MONSTERS (Fantasy Battle Game)
(https://github.com/ElenaOikonomou/WARLOCKS_vs_MONSTERS)

● Designed and implemented an interactive browser-based RPG-style fantasy battle game using JavaScript (ES6 modules), HTML5, and CSS3 to create an engaging user experience.
● Integrated dice roll mechanics using custom utility functions to simulate random combat outcomes.
● Developed responsive, mobile-friendly UI using flexbox and media queries, improving accessibility across different screen sizes.
● Achieved smooth state transitions and game-over animations by managing asynchronous delays.

Main Contributor, vans_life_single_page_app
(https://github.com/ElenaOikonomou/vans_life_single_page_app)

● Designed and developed a responsive single-page application (SPA) using React.js and React Router to create seamless navigation and enhance the user experience by eliminating page reloads.
● Implemented routing and dynamic page components using React Router v7.
● Created reusable UI components using JSX and React functional components.
● Integrated client-side routing with the Link component to improve internal navigation and enhance performance by preventing full-page reloads.
● Built a mock API using Mirage.js to simulate server responses for /api/vans, enabling efficient frontend testing without the need for a backend server, resulting in faster development and data consistency.
● Utilized the useEffect and useState hooks to handle data fetching and state management for dynamic van listings, ensuring accurate real-time updates and re-renders when data changes.

Main Contributor, Polyglot_AI
(https://github.com/ElenaOikonomou/PolyGlot_AI)

● Developed a multilingual text translation application using React 19, OpenAI GPT-4o, and Tailwind CSS, allowing users to translate custom input into multiple languages with high accuracy.
● Integrated OpenAI's chat completions API to provide real-time, context-aware translations, enhancing language learning and accessibility.
● Implemented dynamic routing with React Router v6 to create a seamless user flow between input and result pages, improving user experience.
● Designed a fully responsive and mobile-friendly UI using Tailwind CSS and custom media queries to support a wide range of devices, increasing accessibility.
● Secured sensitive API keys via .env configuration, ensuring safe handling of authentication credentials in a public-facing project.