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PROFESSIONAL SUMMARY

Experienced Front-End Developer with a strong focus on functional programming and four years of professional experience building scalable, reliable web applications using Elm, JavaScript, and other modern technologies. Passionate about building robust UIs with strong type guarantees and minimizing runtime errors through pure functions and immutable state.

TECHNICAL SKILLS

- **Languages & Frameworks:** Elm, JavaScript (ES6+), TypeScript, HTML5, CSS3, Sass
- **Tools & Libraries:** Elm UI, elm-test, elm-review, Webpack, Node.js, Git, Docker
- **Back-End Exposure:** GraphQL, REST APIs, PostgreSQL, Firebase
- **Other:** Agile/Scrum, TDD, CI/CD pipelines, GitHub Actions, VSCode, Linux

PROFESSIONAL EXPERIENCE

Front-End Developer (Elm Specialist) Branchwave Technologies – Remote June 2021 – Present

- Designed and developed single-page applications entirely in Elm, improving application reliability and reducing production bugs by 70%.
- Collaborated with UX designers to create highly interactive, dynamic interfaces using `elm-ui` and custom modules.
- Integrated RESTful APIs using decoders/encoders to ensure type-safe data handling across the application.
- Led migration of a legacy JavaScript codebase to Elm, reducing LOC by 35% while improving test coverage.

Software Engineer (Front-End) SolarFlux Labs – Austin, TX Jan 2019 – May 2021

- Maintained and extended existing React/Elm hybrid front-end applications.
- Developed reusable Elm components to support real-time dashboards and data visualizations.
- Mentored junior developers in functional programming principles and Elm best practices.
- Implemented unit and fuzz testing using `elm-test`, achieving over 90% test coverage.

EDUCATION

B.S. in Computer Science University of Texas at Austin Graduated: 2018

PROJECTS

Elm Finance Tracker Personal Project – github.com/jordanwells/elm-finance-tracker

- A personal finance tracking app built entirely in Elm with local storage persistence and intuitive UI.

Elm Playground A collection of interactive Elm-based UI experiments

- Demonstrated use of `Browser.application`, routing, form handling, and animations in Elm.

CERTIFICATIONS

- Functional Programming Principles (Coursera, EPFL)
- Advanced Elm Workshop (Frontend Masters)