

ELIRAM MALACHI

SOFTWARE ENGINEER | FULL-STACK (REACT)

● ACTIVE SECRET CLEARANCE / PUBLIC TRUST

STUDENT PILOT

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PROFILE

Software Engineer (Full-Stack, React-focused) with 8+ years of experience across federal and private sectors, designing and building responsive, high-performance applications for DoD, Federal, and FinTech clients. Specializing in the modern **React ecosystem** with strong UI/UX ownership and full-stack collaboration across APIs and data workflows. Currently focused on integrating **AI-assisted development** - LLMs, Generative & Agentic AI, prompting, agents, sub-agents, and MCP to deliver secure, efficient code solutions.

SKILLS

CORE STACK

REACT / NEXT.JS JAVASCRIPT TYPESCRIPT VITE REACT QUERY TAILWIND / SCSS

REST / GRAPHQL / APIS GIT / GITHUB RESPONSIVE DESIGN

ECOSYSTEM & TOOLING

POSTGRESQL / MONGODB PYTHON DOCKER KEYCLOAK NODE.JS / EXPRESS FASTAPI CYPRESS

FIREBASE / FIGMA AGILE / SCRUM CI/CD ACCESSIBILITY (WCAG / 508) **AI-ASSISTED WORKFLOWS**

EXPERIENCE

BOOZ ALLEN HAMILTON

2022 - PRESENT

SOFTWARE ENGINEER (DOD/FEDERAL)

// **DoD (DoW-AEPRR) - Primary UI Engineer:** Owned the complete frontend lifecycle for a modern React / TypeScript / Vite application supporting massive data upload, ETL-driven data ingestion, and large-scale report generation with integrated QA/QC validation; collaborated on FastAPI (Python) endpoint design with Swagger UI, role-specific JSON responses, and API validation; used Python notebooks for backend validation and data-pipeline testing; and enforced security-focused global rules with React, React Query v5, and TypeScript standards to standardize output and reduce review overhead.

// **TaskTracker (Internal Tooling)** - Architected and built a custom React application to track employee availability and contract progress, replacing manual tracking systems and improving resource visibility across the team via dynamic dashboards.

// **GSA & IRS Modernization** - Modernized critical government data websites and Event-Driven Architectures using React.js. Created and standardized a library of reusable UI components (Design System) for the IRS OLS development team to ensure design consistency.

PACIFIC WESTERN BANK

2021 - 2022

UI & FRONT-END DEVELOPER

// **Sole Front-End & UI Lead:** Owned the complete product lifecycle for a high-security internal CMS, serving as both the Lead UI Designer and Front-End Developer. Translated requirements into high-fidelity mockups and converted them into production-ready Next.js code.

// **Application Development:** Architected and built the client-facing portal for corporate banking users, ensuring seamless integration with complex backend data systems and secure API endpoints.

// **UX & Refactoring:** Established the visual identity and usability standards for the platform. Refactored legacy UI components to improve visual consistency and responsiveness across multiple banking modules.

MIRLOGIC SOLUTIONS CORP.

2019 - 2021

UI DEVELOPER

// **Federal Data Visualization:** Designed and built interactive Data Visualizations using D3.js for NCHS statistical reports. Managed the critical daily updates of national COVID-19 dashboards, ensuring data accuracy for high-traffic public consumption.

// **Corporate Web Development:** Developed a new corporate website from the ground up, translating UI mockups into responsive code while ensuring alignment with updated branding and Section 508 accessibility compliance.

// **Client Support (CDC & U.S. Army):** Created mock-ups and implemented public-facing UI features for federal clients, bridging the gap between design requirements and technical implementation.

CLEARLY INNOVATIVE INC.

2018 - 2019

WEB DEVELOPER

// **Deloitte LLP (Sub-contract):** Led the full-stack development of a customer appointment tracker using JavaScript (Node.js) and HTML5. Managed the deployment pipeline and documented defects for QA testing to ensure release stability.

// **Web & Mobile App Development:** Built responsive, reactive applications using Angular, Vue.js, and Ionic, collaborating with UX researchers in an Agile environment to translate insights into polished, high-quality products.

EDUCATION

GEORGE WASHINGTON UNIVERSITY

Full Stack Web Development - Bootcamp (2017)

SAPIR ACADEMIC COLLEGE

B.Sc. Engineering - Hydro Engineering (2012)

CERTIFICATIONS

- GOOGLE CLOUD - GENERATIVE AI LEADER
- BOOZ ALLEN HAMILTON - AI FOUNDATIONS
- APOLLO GRAPHQL - DEVELOPER ASSOCIATE
- AWS - CERTIFIED CLOUD PRACTITIONER