

RICHARD MAI

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SKILLS

Technical Skills : Javascript, React, Angular, VueJS, Nodejs, Firebase, Python, Java, Git, MongoDB, PostgreSQL, DSA, System Design, HTML, CSS, Prompt Engineering, AI Engineering, LangChain, Pandas, Web Scraping, Data Pipelines, CI/CD Pipelines, Selenium, Vercel, Vue.js, Tailwing.css, RESTful APIs, Express, Firebase

Soft Skills: Communication, Teamwork, Adaptability, Emotional Intelligence, Problem-Solving, Agile/Scrum Methodology, Resilience, Collaboration, Leadership

EDUCATION

Temple University , Philadelphia, PA

Bachelors of Marketing , Minor in Statistics

Sep 2017 — Jul 2022

GPA: 3.8

University of Pennsylvania, Philadelphia

Web Development | LPS Liberal & Professional Studies

Jan 2019 — Jul 2019

EXPERIENCE

Software Engineer | Full Stack Dev

The Duba Co.

Jan 2023 — Dec 2025

Elkins Park, PA

- Architected full-stack web platform serving 25+ restaurant locations achieving 99.9% uptime and processing 15,000+ weekly orders generating \$2M + annual revenue
- Designed centralized database architecture consolidating 8 legacy systems into unified PostgreSQL instance, enabling real-time inventory synchronization and reducing data inconsistencies by 92%

Software Engineer | AI Engineer

Hawkins Parnell & Young

Apr 2024 — Present

San Francisco, CA

- Implemented secure, structured and scalable solutions that reduced repetitive and redundant time-consuming tasks by a minimum of 80%

PROJECTS

Portfolio Website | ReactJS, NodeJS, TypeScript, Tailwind.CSS

— Present

Duba Karaoke Pub | ReactJS, TailwindCSS, Elfsight, ViteJS, GH-Pages

Dec 2025 — Present

- Created elegant, modern, scalable and efficient software solutions for multiple franchises, operations owned by company. Built full-stack restaurant management platform with integrated AI chatbot for customer service, handling 200+ monthly reservations and reducing phone inquiries by 45%

Court Data Automation - CDA | Python, Selenium, ChromeDriver, BeautifulSoup, Requests, VSC, Git

Jul 2025 — Present

- Developed Python-based legal automation suite using Selenium, BeautifulSoup, and Pandas, reducing court case research from 45 to 9 minutes (80% efficiency gain) for California law firms. Automated California Superior Court case research workflow, extracting structured data from 10,000+ documents with 97% accuracy using web scraping, regex parsing, and data validation

Crypto Trading Dashboard (WIP) | Next.js, TypeScript, Firebase, TailwindCSS, CoinGeck API, NewsAPI

Dec 2025 — Present

- Full-stack cryptocurrency trading platform with real-time prices, paper trading, news integration, and interactive charts powered by CoinGecko API.

DSA Visualizer | AI Analysis | TypeScript, Next.js, React, Tailwind CSS, Framer Motion, Zustand, Radix UI, ViteJS

Vercel

Nov 2025 — Present

- Creates visualizations for complex algorithm problems. Implemented playback & speed controls & user input for custom solutions. Integrated AI assistant for visualizations for custom problems.

CERTIFICATIONS

HTML, CSS, JavaScript, React, & Web Development

University of Pennsylvania | LPS College of Liberal & Professional Studies

July 2019

CS50x Introduction to Computer Science I

edX HarvardX

June 2019

Claude | Stable Diffusion | Deepseek | Prompt Engineering

Coursiv

August 2025

Data Structures & Algorithms | System Design | AI/LLM Engineering

Algomonster

Dec 2025