

# RICHARD MAI

4153166679 | richardmaichs276@gmail.com | github.com/itsrichardmai

## 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, Tailwind.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

*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, RadixUI, Tailwind CSS, Next.js, Vercel

*Not Yet Published | 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**

*July 2019*

*University of Pennsylvania | LPS College of Liberal & Professional Studies*

**CS50x Introduction to Computer Science I**

*June 2019*

*edX HarvardX*

**Claude | Stable Diffusion | Deepseek | Prompt Engineering**

*August 2025*

*Coursiv*

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

*Dec 2025*

*Algomonster*