

Kyle Parsotan

North Port, FL

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building scalable, production-ready web applications and AI-powered systems. Strong foundation in **full-stack development (React, Next.js, Node.js, Python)** and **data-driven architectures (RAG, OCR, ETL pipelines)**. Proven ability to optimize performance, improve user engagement, and deliver end-to-end solutions in fast-paced environments.

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL

Frontend: React, Next.js, Tailwind CSS, shadcn/ui, Material UI

Backend: Node.js, Flask, REST APIs

Databases: PostgreSQL, MongoDB, Prisma, Firebase

Cloud & DevOps: AWS, CI/CD, GitHub Actions, Git, GitLab

Data & AI: Pandas, Scikit-learn, ETL Pipelines, RAG, LlamaIndex, OCR (Tesseract, PaddleOCR)

Tools: GitHub, Tableau, Google Colab, Resend, Stripe APIs

PROFESSIONAL EXPERIENCE

Extern | Onsite (UNPAID)

February 2, 2026

Outmation Internship

- Built **AI-powered document pipelines** processing 200+ page mortgage files using OCR (Tesseract, PaddleOCR) and PyMuPDF.
- Developed a **RAG-based retrieval system (LlamaIndex)** for document search and classification
- Improved retrieval accuracy through **chunking and embedding optimization**
- Evaluated system performance across **OCR accuracy, retrieval quality, and routing logic**
- Delivered **technical documentation and demo UI** for system validation and stakeholder review

SAIC | Fort Knox, KY (Onsite)

July 2024 – Oct 2025

Web Systems Analyst (Frontend / CMS Engineer)

- Maintained and optimized **enterprise WordPress applications** in secure environments
- Built reusable **frontend components (HTML, CSS, JavaScript)** improving UX and accessibility
- Managed **300+ content assets**, streamlining CMS workflows and deployment
- Increased user engagement by **20%** through performance and UI improvements
- Ensured **system reliability, compliance, and cross-team data accuracy**

Frontend Mentor — Frontend Developer (Unpaid)

Aug 2021 – Present | [Link](#)

Remote

- Developed **20+ responsive web applications** using React, Next.js, and Tailwind CSS
- Implemented **authentication, API integrations, and cloud deployments (Firebase)**
- Collaborated via **GitHub workflows, pull requests, and code reviews** in agile environments

PROJECT EXPERIENCE

FullStack Digital Market Place | Freelancer Project | [Link](#)

2026 - Present

Next.js, Node.js, MongoDB, Stripe, Tailwind CSS, shadcn/ui, Framer Motion, Resend

- Architected a scalable marketplace platform with Stripe payment integration
- Implemented role-based access control for users, sellers, and admins. Built secure checkout and transaction workflows using Stripe APIs.
- Developed admin and seller dashboards for analytics and product management
- Integrated AI chatbot, increasing engagement by 35%. Automated email workflows using Resend.

Smile Care Dental | [Link](#)

2025 - Present

Next.js, Tailwind CSS, shadcn/ui, Resend, Responsive Design

- Built a **responsive web app** for appointment scheduling and patient interaction
- Integrated **AI voice assistant (Speech API)** for booking and inquiries
- Automated notifications using **Resend email services**
- Optimized for **accessibility, performance, and mobile-first design**

RecipeHub | Personal Project | [Demo](#)

2024 - Present

Next.js, Firebase, AI Agent, Tailwind CSS, shadcn/ui, Framer Motion, Resend

- Developed a **recipe management platform** with full CRUD functionality
- Improved retention by **25%** via optimized UI and state-driven architecture
- Built **admin dashboard and role-based access system**
- Migrating to **cloud-based architecture (Firebase)** for scalability

EDUCATIONAL EXPERIENCE/CERTIFICATIONS

CUNY Queensborough Community College – Computer Science Certification

Certifications:

- AWS Cloud Computing (Coursera)
- Google IT Support (CompTIA A+)
- Meta Frontend Developer
- IBM Software Engineering & Web Development
- Cybersecurity & Web Security
- MERN Stack Development (Codedamn)