

Kyle Parsotan

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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 (flask, django)**, cloud services (MongoDB, AWS, Prisma, PostgreSQL)) 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

Cybersecurity: Threats, Risks, Vulnerabilities, Incident Response, Security Frameworks and Control, Security Hardening, Linux Command Line, SQL, SIEM Tools, Python

AI Tools (Assistive tools): ChatGPT, Claude AI, Github Copilot, Perplexity, Higgsfield AI, CodeRabbit

PROFESSIONAL EXPERIENCE

Wonsulting | Remote (UNPAID)

May 2026 - Present

Beta Tester

- Instagram. Beta tester providing feedback on bugs, feature issues, feature updates based on the given instructions.

Tublian | Remote (UNPAID)

Dec. 2023 - Feb. 2024, May 2026 - Present

Open-Source Developer

- Contributed to open-source software projects by collaborating with distributed development teams and managing pull requests through GitHub.
- Improved project quality and maintainability through code reviews, bug fixes, feature enhancements, and collaborative development practices.
- Strengthened software engineering skills by working across diverse open-source initiatives in agile and team-based environments.
- Collaborated with cross-functional contributors to enhance project scalability, documentation, and overall developer experience.

Extern | Remote (UNPAID)

Amazon Internship

- Analyzed unstructured employee feedback to identify workforce attrition risks, productivity blockers, and key operational pain points with Amazon Fulfillment Centers.
- Created segmented cohort profiles using qualitative data analysis and thematic coding to surface role-specific challenges and recommended targeted interventions.
- Developed business-ready briefing notes and strategy desks synthesizing frontline sights into actionable operational recommendations.

Outmation Internship | [Github repo](#) | (UNPAID)

February 2, 2026

- Engineered AI-powered document processing pipelines for 200+ page mortgage files using OCR technologies including Tesseract OCR, PaddleOCR, and PyMuPDF, enabling scalable document extraction and parsing.

- Developed a Retrieval-Augmented Generation (RAG) system using LlamaIndex for intelligent document search, classification, and contextual retrieval workflows.
- Improved retrieval accuracy and system performance through embedding optimization, chunking strategies, vector search tuning, and intelligent routing logic.
- Delivered technical documentation, demo UI, and evaluation reports validating OCR accuracy, retrieval precision, and system readiness for production deployment.

SAIC | Fort Knox, KY (Onsite)

July 2024 – Oct 2025

Web Systems Analyst (Frontend / CMS Engineer)

- Maintained and optimized enterprise-level WordPress applications in secure, high-availability production environments.
- Developed reusable frontend components using HTML, CSS, and JavaScript, improving accessibility compliance, UI consistency, and user experience.
- Increased user engagement by 20% through frontend performance optimization, responsive design enhancements, and improved page load speeds.
- Collaborated cross-functionally to ensure system reliability, regulatory compliance, and accurate data management across platforms.

Frontend Mentor | Frontend Developer (Unpaid) | Remote | [Link](#)

Aug 2021 – Present

- Developed 20+ responsive web applications using React, Next.js, and Tailwind CSS, focusing on scalable frontend architecture and modern UI development.
- Implemented secure authentication systems, third-party API integrations, and cloud-based deployments using Firebase. Collaborated in agile development environments through GitHub workflows, pull requests, version control, and peer code reviews using GitHub.
- Participated in advanced frontend development challenges through Frontend Mentor, building pixel-perfect applications closely aligned with provided Figma design systems and UI specifications.
- Strengthened expertise in HTML, CSS, JavaScript, responsive design, accessibility, and component-based frontend engineering across multiple frameworks and real-world projects.

Meriskill

Data Analyst

Apr 2024 - May 2024

- Developed and executed ETL processes using Python, leading to a 20% enhancement in data accuracy across 15 key datasets, which facilitated more precise reporting for stakeholders.
- Designed and optimized machine learning models (including KNN, Random Forest, Logistic Regression) on GitHub, achieving a cumulative improvement in predictive analytics performance by 25%, thus streamlining operations for various projects.
- Constructed and visualized over 30 comprehensive data analysis dashboards in Tableau, significantly improving data-driven decision-making speed by 35% for cross-functional teams.

LetsGrowMore - Internship | Remote

Frontend Developer and Data Analysis Intern (Unpaid)

- Optimized React application performance by implementing reusable component architecture, efficient rendering patterns, and scalable state management strategies using React.
- Developed, trained, and deployed machine learning models (KNN, Random Forest, Logistic Regression, Decision Trees, Neural Networks) using scikit-learn, improving data accuracy by 20% across analytics workflows.
- Managed model versioning, experimentation, and collaborative development using GitHub to ensure reproducibility and streamlined deployment.
- Delivered responsive, user-focused web applications with improved performance, usability, and cross-device compatibility.

Lullip | Remote

Software Developer Intern (Unpaid)

April 2024

- Collaborated in virtual development teams using Git and GitHub, conducting structured code reviews and maintaining high code quality standards across projects.

- Translated Figma UI/UX designs into fully responsive web applications using React, Tailwind CSS, and Material UI, improving usability, accessibility, and design fidelity.
- Integrated authentication systems using Web3Auth and Firebase, implementing secure Google login, streamlining onboarding, and improving session reliability and security.

Frontend Simplified

Frontend Developer

Oct. 2023 - Dec. 2023

- Integrated multiple REST APIs to transform static websites into dynamic, data-driven applications using React, improving real-time interactivity and responsiveness.
- Developed interactive UI features including carousels and dynamic NFT filtering systems, increasing user engagement by 10% through improved usability and personalization.
- Collaborated in agile development environments using Git and GitHub, conducting code reviews and optimizing frontend architecture for performance, scalability, and maintainability.

PROJECT EXPERIENCE

Library Prompt | Freelancer Project | [Link](#)

2026 - Present

Next.js, Tailwindcss, shadcn/ui, Framer motion, Resend

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.

Mediconnect Portal Management System | [Link](#)

2026 - Present

Smile Care Dental | [Link](#)

2025 - Present

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

- Developed a responsive healthcare web application for appointment scheduling and patient interaction using modern frontend architecture.
- Integrated an AI-powered voice assistant using the Web Speech API to automate appointment booking and patient inquiry handling.
- Automated transactional email notifications and communication workflows using Resend, while optimizing accessibility, performance, and mobile-first responsiveness across devices.

RecipeHub | Personal Project | [Demo](#)

2024 - Present

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

- Developed a full-stack recipe management platform with complete CRUD functionality using Firebase, enabling real-time data storage and user interaction.
- Improved application performance and scalability by migrating to a cloud-based architecture, increasing efficiency by 15% and supporting high-performance usage.
- Built a secure user dashboard with role-based features for managing, sharing, and discovering recipes, and integrated AI assistant functionality with subscription-based access. Integrated payment and billing automation using Stripe for AI LLM and chatbot subscription services.

EDUCATIONAL EXPERIENCE/CERTIFICATIONS

Google Cybersecurity Certificate, Coursera, 2026

Queens Borough Community College

Software Engineering

Cloud Computing with AWS and Google Cloud

Embry-Riddle Aeronautical University

May 2022

Bachelor of science in Computer Science

Minor in Applied Mathematics

Certifications:

- AWS Cloud Computing (Coursera) IBM Software Engineering & Web Development

- Google IT Support (CompTIA A+) Cybersecurity & Web Security (Coursera)
- Meta Frontend Developer MERN Stack Development (Codedamn)
- Google Cybersecurity Certificate