

Alan Paccor

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Education

Kennesaw State University

Kennesaw, GA

Bachelor of Science in Computer Science — GPA: 3.8 / 4.00

2024 – Present

- **Focus:** Software Engineering, Artificial Intelligence, Backend Development
- **Technical Coursework:** Data Structures, Object-Oriented Programming, Web Development, Software Engineering

McDonough High School

McDonough, GA

High School Diploma

2019 – 2023

Experience

AI ATL Hackathon

2026

Software Developer

Atlanta, GA

- Collaborated on a security-focused application connecting AI systems to databases while verifying retrieved information.
- Built Java and Spring Boot backend services to validate database responses and reduce inaccurate AI-generated information.
- Developed React components and integrated frontend functionality with backend APIs.

UGA Hacks

2026

Software Developer

Athens, GA

- Collaborated on an inventory management system for retail stores using Java, Spring Boot, and React.
- Developed inventory tracking features and a floor-view map displaying product locations and stock counts.
- Integrated an AI agent to help users interact with inventory data and assist with store operations.

Projects

Assistant Chef Mobile App | React Native, Expo, OpenAI API

2026 – Present

- Developing an AI-powered cooking assistant with real-time voice and video guidance for step-by-step cooking support.
- Building an interactive mobile experience that allows users to communicate with the AI while preparing meals.

Lighthouse AI Observability Platform | Java, Spring Boot, React, PostgreSQL, Gemini 2.0

2025 – Present

- Building an AI observability platform with hallucination detection and RAG monitoring for AI applications.
- Developed REST APIs and an SDK for multi-provider AI integration and database connectivity.
- Implemented JWT authentication and developer tooling for streamlined local testing and integration.

PickPal AI Platform | React, Next.js, MySQL, OpenAI API

2025 – Present

- Developed an AI-powered sports analytics platform that generates personalized recommendations from user data and preferences.
- Built server-side functionality and MySQL data management for user profiles, preferences, and recommendations.
- Implemented personalized recommendation features that increased user engagement by 40%.

PickPal AI Mobile App | React Native, Expo, Firebase, MongoDB

2025 – Present

- Built a React Native companion application for the PickPal AI platform using Expo.
- Integrated Firebase and MongoDB for user data management and application synchronization.
- Integrated OpenAI API functionality for real-time AI-powered predictions and recommendations.

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, HTML5, CSS

Technologies: Spring Boot, React, React Native, Next.js, Node.js, Express.js, Tailwind CSS, Shadcn, Expo

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Prisma

AI & APIs: OpenAI API, Gemini, RAG, REST API, SDK Development, AI Integration, GraphQL, Apollo

Tools & Concepts: Git, GitHub, Vercel, Stripe, ORM, MVC Architecture, API Integration, Responsive Design

Additional: Bilingual (English/Spanish)