

PARKER CIARAMELLA

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PROFESSIONAL SUMMARY

Senior Software Engineer with **5 years of experience** in industries ranging from point-of-sale to warehouse automation. Deep expertise in API integration, full-stack development, and application deployments. Interested in opportunities focused on engineering, technical solution consulting, and software architecture.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Scheller College of Business

Atlanta, GA

Master of Business Administration (MBA)

December 2027

- GPA: 3.87
- Concentrations: Strategy and Innovation, Finance.
- Involvements: Entrepreneurship Club, The Venture Network, Consulting Club

UNIVERSITY OF GEORGIA

Athens, GA

Bachelors in Computer Science

May 2022

- GPA: 3.86
- Concentration: Applied Data Science
- Minor: Business

EXPERIENCE

EXOTEC

Atlanta, GA

Exotec is an end-to-end warehouse automation integrator and technology manufacturer, delivering solutions via robotics and software.

Senior Software Integration Engineer

September 2024-Present

- Engineer custom **warehouse control system (WCS)** integrations for Fortune 500 and enterprise clients using **JavaScript, Vue.js, and PostgreSQL**, connecting client operations to Exotec's robotics automation platform.
- Partner directly with enterprise clients to translate complex warehouse operations requirements into **scalable technical solutions**, ensuring seamless alignment with existing API architecture.
- Design and implement reusable code modules and libraries across multiple client projects, reducing engineering development time and cutting redundant implementation costs.
- Develop control flows to manage conveyors, picking stations, and replenishment stations, integrating with third-party equipment via **REST, OPC UA, and TCP/IP** protocols.
- Diagnose and **resolve production-stopping issues** through rigorous debugging and root cause analysis, restoring client operations and minimizing downtime during critical incidents

NCR VOYIX

Atlanta, GA

Software Engineer

August 2022-June 2024

- Developed a cloud-based, large-scale SaaS platform using **TypeScript/React, Node.js, and RESTful APIs** enabling retailers to manage promotions, loyalty programs, coupons, consumers, and store data.
- Built middleware leveraging **GraphQL** to consolidate multiple microservices into a single unified endpoint, streamlining data access for the UI layer and reducing frontend complexity.
- Authored **100+** unit tests using Jest and Cucumber, increasing codebase test coverage from **87% to 91.4%** and improving release stability.
- Led development of high-complexity features involving hierarchical data models and dynamic receipt builders, owning implementation from design through delivery.
- Drove effort estimation and feasibility analysis for quarterly roadmap planning, directly informing sprint capacity and prioritization decisions.
- Collaborated in software design reviews, translating user needs into actionable technical requirements alongside cross-functional stakeholders.

ADDITIONAL INFORMATION

Skills: Agile Methodologies (Scrum/Kanban), AI-Driven Automation & Workflow Optimization, Root Cause Analysis & Troubleshooting, Data Analysis & Reporting, Solution Architecture & System Design, Project Management & Scheduling, Time Management & Prioritization

Tools: Node.js, TypeScript, JavaScript, Python, Java, Docker, AWS, Postman, PostgreSQL, DBeaver, GraphQL

Volunteer: Lifeline Animal Shelter

Interests: Swimming Running Hiking Baking