CARTER GARCIA

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EXPERIENCE

Acuity Inc — Washington, D.C.
Full Stack Software Engineer — June 2024 – Present

- Engineered a suite of 15+ scalable microservices using Java Spring Boot and React TypeScript, delivering mission-critical analytics and information management tools to government field agents with high reliability and performance.
- Implemented a serverless RAG-based chatbot integrating SharePoint and S3 for internal documentation retrieval, improving company-internal workflows for the government proposal process lifecycle.
- Engineered an extensible, cloud-agnostic AI orchestration system using MCP and RAG to unify project management data with code repositories. Synchronized user story context with pull request metadata to automate high-fidelity code reviews and cross-system documentation updates.
- Developed a flexible framework for initializing additional MCPs to automate the detection of unaddressed acceptance criteria and generate contextualized code fixes, as well as accelerate backlog grooming and planning efficiency by 75%.
- Led the technical execution and process definition for high-scale projects that successfully secured the organization's CMMI Maturity Level 3 certification.

Kalo Inc — Los Angeles, CA
Full Stack Software Engineer - (Remote Part-Time) — Jan 2025 – Present

- Engineered a centralized brand-influencer discovery and RSVP platform using Next.js, React, and TypeScript, automating the guest acquisition pipeline and connecting brands with high-value influencers for live events.
- Architected serverless data pipelines via AWS Lambda to ingest and process asynchronous external API data, delivering real-time audience insights and behavioral analytics to stakeholders.
- Developed a proprietary influencer recommendation engine that synthesizes biographical data, audience demographics, and habit tracking to ensure optimal guest-to-brand alignment through data-backed segmentation.

Novodia Partners — Miami, FL
Lead Full Stack Developer - (Remote Part-Time) — Apr 2025 – Present

- Architected and deployed a full-stack shipping container logistics platform using a React Typescript frontend backed by a FastAPI Python, streamlining the management of leases, purchases, and real-time inventory tracking.
- Orchestrated a scalable backend architecture leveraging n8n for workflow automation and data integration with AWS RDS.
- Automated document generation workflows to programmatically produce invoices, lease agreements, and purchase orders, reducing manual administrative overhead.
- Optimized container lifecycle management by implementing an automated photo-documentation system; leveraging AI image classification to identify structural defects and wear, while engineering a seamless retrieval interface for clients to instantly share condition reports and container visuals with prospective buyers.
- Implemented high-availability CI/CD pipelines using GitHub Actions, ensuring seamless code integration, automated testing, and rapid deployment cycles.

EDUCATION

New York University - Tandon School of Engineering — New York, NY
Bachelor of Science in Computer Science — May 2024
Minors: Game Engineering, Integrated Design and Media

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, C++, C#, SQL, HTML, CSS
Frameworks & Libraries: React, Next.js, Node.js, Spring Boot, PyTorch, FastAPI, TensorFlow, Quarkus
Testing Frameworks: Vitest, Mockito, Pytest, JUnit
Cloud & DevOps: AWS (Lambda, RDS, EKS, EC2, CloudFormation, S3, CloudWatch, Secrets Manager, Route 53), Terraform, Kubernetes, Helm, Docker, GitHub Actions
Databases & Vector Data: PostgreSQL, MySQL, MongoDB, Pinecone, OpenSearch
Tools & Security: MCP, RAG, GraphQL, n8n, Git, REST APIs, JWT
Applications: Unity, GMS2, Figma, Maya, Microsoft PowerBI