Wassim LaCorchy

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EXPERIENCE

Founding & Consulting – Startups   **(2024 – Present)**

- **Co-Founder, Based Music (Non-Profit)** (09/2024–Present) – Shipped cross-platform social music app **(basedmusic.vip)** (Expo/Express/AWS); improved startup latency ~7.5x; added AI search (Pinecone/Bedrock).

- **Co-Founder & Head of AI Solutions, Lasaria LLC** (04/2024–01/2025) – Delivered LLM document agents **(lasaria.us)** (LangGraph/Azure AI Search); standardized MLOps (Docker/Terraform); led cross-functional delivery.

Principal Software Engineer – Full Stack & Applied AI, LENNAR (Contract)   **(02/2025 - 07/2025)**

- Built **GenAI documentation assistant** (composite MCP; GitHub/Atlassian/code analysis) with agent-to-agent workflows and Confluence sync; deployed on AWS/Kubernetes.

- Stood up **Lennar Connect's GenAI platform** (LangGraph, multi-agent, GPT-4o/Azure) **automating Tier-1 HR tasks** (PTO, ServiceNow, Workday, RAG). Led a 9-engineer applied-AI full-stack team.

- Co-led architecture for **The Lennar Machine** (Next.js, Prisma, AWS), enabling nationwide algorithmic home pricing; CI/CD (Azure, GitHub Actions); **1% uplift ($36M/yr)**. In **Q2 2025 earnings call** as central to marketing/sales and for dynamic pricing.

- Built data pipelines/models (DBT, Snowflake, Salesforce APIs, Qlik Replicate, RPA); integrated JDE/Salesforce into a Snowflake pricing change log for traceability.

Lead Software Development Engineer, City National Bank   **(07/2021 – 10/2024)**

- **Cut initial underwriting decisions from ~11 to 5 business days (55% faster)** via parallel credit/VOE/document services (SQS fan-out, idempotent handlers).

- **Throughput +21%** and **queue age −47% (1.7s → 0.9s)** after parallelizing verification endpoints; **DLQ ≤0.3%**, **redrive >99.8%**.

- **Endpoint p95 latency −50% (320ms → 160ms)** on /eligibility and /rules with Redis caching; **99.93% success rate** during a 4-week peak.

- **Lead-time −44% (18h → 10h)** via Jenkinsfile CI/CD (canary + auto-rollback); **CFR ≤10%**, **MTTR ~27 min**.

- **Zero audit findings**; FFIEC/GLBA alignment; **decision-SLA +26 pp**; **manual re-verifications −38%/1k apps/mo**.

Senior Software Cloud DevOps Engineer, Allstate Insurance   **(07/2019 – 06/2021)**

- Designed CI/CD (Azure Pipelines, Docker), autoscaling on AWS, and HA Node.js/Python microservices and React apps.

Software Engineer, The Home Depot   **(06/2018 – 06/2019)**

- Built full-stack features (React/Node/SQL) and AWS integrations (DynamoDB, SES) for alerts, data sync, and store ops.

SKILLS

Cloud/DevOps:

AWS (EC2, Lambda, EKS/ECS, API GW, S3, Route 53, CloudWatch, IAM),

Azure (OpenAI, AI Search, Azure Pipelines),
Docker, Kubernetes, Terraform, Jenkins, GitHub Actions.

Backend/FE: Node.js/Express, Python/FastAPI, React/React Native,

WebSockets/REST, Redis, ETL/DBT, Snowflake, Salesforce APIs.

AI/ML: LangChain/LangGraph, GPT-4o, Azure OpenAI, Bedrock, RAG,

Pinecone/Qdrant, TensorFlow, NLP, agentic workflows.

Testing: Cypress, Selenium, JUnit/TestNG, Cucumber (BDD/TDD).

Certs: AWS Solutions Architect – Professional; CPM (PMI).