HAIDER BOKHARI

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Summary

AI Engineer and Full Stack Developer with 3+ years shipping LLM-powered products, AI agents, and production web apps. Currently building AI features at Arctic Wolf; previously reported to the CTO of an eBay-backed AI startup whose tool drove $1M+ in sales. **Two-time 1st-place company hackathon winner.** Expert in Python, TypeScript, React/Next.js, Node.js, AWS, and realtime/voice AI.

Experience

Full Stack Engineer, Arctic Wolf *Toronto, ON, Canada* **06/2025 - Present**

- **Won 1st place at Arctic Wolf's internal hackathon** with an AI agent prototype, owning both the LLM backend and the demo UI
- Engineered event-driven AWS Lambda functions to run LLM agent workflows (tool calling, RAG) and async AI processing jobs
- Added CloudWatch metrics, alarms, and Logs Insights queries to AI services, making production issues faster to catch and debug
- Designed LLM guardrails (schema-validated outputs, model fallbacks, prompt regression tests) so AI features fail safely
- Created real-time streaming UIs in React/TypeScript that render LLM responses and agent tool steps token by token

Full Stack Engineer, Topline Pro *Boston, MA, USA* **09/2024 - 03/2025**

- Led end-to-end development of a new AI agent that improved task efficiency by 40%
- Built SPA and SSR apps in React and Next.js with reusable components, cutting page load time by 30% and improving SEO
- Optimized Django ORM query logic, reducing response times on critical API endpoints
- **1st place, company hackathon:** built an AI-powered workflow automation tool

AI Developer, Ecomtent *Toronto, ON, Canada* **11/2023 - 05/2024**

- **Reported directly to the CTO**, building core features of an eBay-backed AI tool that drove $1M+ in sales on Amazon, eBay & Walmart
- Ran LLM performance evaluations and tuned model parameters, improving accuracy and response speed by 23%
- Stood up the product's serverless backend on AWS (Amplify, AppSync, DynamoDB, EC2), owning deployment and scaling
- Revamped the front-end interface, increasing user engagement by 15% and reducing bounce rate by 25%

AI Full Stack Developer, Freelance *Brampton, ON, Canada* **06/2023 - 12/2023**

- Delivered AI automation and full-stack solutions to 8+ startups and brands, including Signarama (700+ franchise locations)
- Averaged a 35% gain in operational efficiency and 25% lift in user retention across 10+ projects, with 100% client satisfaction
- Trained custom ML models and deployed NLP chatbots, working directly with CEOs and founders to align solutions with business goals

Full Stack Developer Intern, Project: Human City *Toronto, ON, Canada* **12/2022 - 03/2023**

- Led a team of three developers at an early-stage social media startup, building the mobile app with Python and React
- Implemented login, onboarding, and messaging features and integrated RESTful APIs, reporting progress directly to the CEO

Full Stack Developer Intern, Simulence *Toronto, ON, Canada* **09/2022 - 12/2022**

- Architected and deployed RESTful APIs backed by Firestore, reducing data retrieval time by 30%
- Worked in agile sprints with a 10+ person cross-functional team (sprint planning, stand-ups, demos, code review)

Software Developer Intern, Wali Ul Asr Learning Institute *Brampton, ON, Canada* **Summers 2018-19**

- Developed a React Native and Node.js app that automated media editing, speeding up content delivery to thousands of viewers
- Created a custom CMS with React, Node.js, and Google Cloud that let non-technical staff update the site, cutting update time by 50%

Education

B.Sc. Computer Science (AI), University of Toronto *Toronto, ON, Canada* **09/2019 - 04/2024**

Skills

- **AI/ML:** LLMs, AI Agents, RAG, Prompt Engineering, LLM Evaluation, NLP, Realtime & Voice AI, WebRTC
- **Languages:** Python, TypeScript, JavaScript, SQL, C++, C#, Java **Frontend:** React, Next.js, React Native, Vue, Vite, HTML/CSS
- **Backend & Data:** Node.js, Express, Django, Flask, .NET, PostgreSQL, NoSQL, Firebase, Supabase, WebSockets
- **Cloud & DevOps:** AWS (Lambda, CloudWatch, EC2, DynamoDB, Amplify), Docker, Kubernetes, CI/CD, Git

Projects & Awards

- **Zenith Gen:** Built an AI automation tool for a social media agency that drove millions of additional monthly views **(05/2024)**
- **Galaxy Royale:** Self-taught, designed, and developed a mobile game, Galaxy Royale, recognized by Google for high potential **(06/2020)**
- **Awards & Mentorship:** Waterloo Math Award, 1st place **(2016)**; Pride and Honour Roll **(2019)**; Computer Science Tutor **(2019-22)**