



GUILLAUME AH-KI

Software Engineer | Full Stack Developer

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Professional Summary

Experienced Full Stack Developer with over 6 years of delivering high-impact software across startups and enterprise environments. Skilled in building scalable backend systems, leading agile teams, and driving innovation in ETL pipelines, cloud infrastructure, and natural language processing (NLP). Proven success in deploying production-grade applications, mentoring engineers, and bridging business needs with clean, maintainable code. Passionate about collaborative problem-solving, continuous improvement, and shipping products that work at scale.

Experience

Lead Full Stack Developer

Storia Technologies

Apr 2024 – Present

Montreal, QC

- **Developed a modular ETL library** optimized for **concurrency** and clean separation of **extract, transform, and load phases**, while integrating **cloud storage solutions like Amazon S3** to support **scalable data workflows**
- **Modernized existing ETL pipelines**, enhancing **structure, clarity, and maintainability** to support long-term growth and **reusability**
- **Implemented ETL job orchestration** using **Apache Airflow**, improving **monitoring, dependency management, and scheduled execution** of data workflows
- **Contributed significantly** to the rollout of **5 production systems**, collaborating across teams to ensure **on-time delivery** and **smooth handoffs** despite aggressive timelines
- **Facilitated agile practices** as **Scrum Master**, driving **sprint planning**, daily syncs, reviews, and retrospectives to maintain **team focus and adaptability**
- **Built semantic linking systems** using **document embeddings** to connect related information across large datasets, supported by **NLP components** for **summarization** and **keyword extraction** to improve search and discovery
- **Participated in a critical API upgrade**, supporting the transition from **version 1 to version 2** while maintaining **backwards compatibility** and **system reliability**
- **Implemented CI/CD pipelines** to enable **automated testing**, deployment, and **versioning** of key components, streamlining service reliability and release management
- **Shaped engineering standards** through thoughtful **code reviews, process improvements, and active mentorship** of junior developers

Software Development Engineer II

Amazon

Jul 2020 – Apr 2024

Vancouver, BC

- **Developed and implemented** robust **backend API services** using the **Spring framework** and constructed extensive **offline data processing pipelines** for **AI-driven recommendation systems**
- This infrastructure efficiently managed **up to 500 million daily traffic**, maintaining **high performance and reliability**
- **Participated in various projects and A/B testing initiatives**, leading to an **increase in annual revenue exceeding \$100 million**
- **Played a pivotal role** in expanding our team from **5 to 60**, nurturing innovation and team dynamics, while **mentoring new members** to support our collective growth and development
- **Strategically expanded multiple product features** to meet the distinct requirements and preferences of customers across **11 marketplaces**, enhancing **market penetration and user engagement**

- **Co-founded a startup** and **scaled annual revenue to \$200,000** by delivering **web and mobile applications** to a diverse client base across **Canada and the USA**
- **Led a team of skilled engineers** in developing **5 mobile & web applications**, meeting **international standards** and the specific needs of **North American clients**
- **Managed product development and client relationships**, steering the company's **technical direction** and **business strategy** to accommodate cross-border market demands
- **Successfully launched a production-ready application** with **thousands of users**, securing a rating of **over 4 stars on the Google Play Store**

Education

Bachelor's in Computer Science

Concordia University

Jan 2020

B.Sc. in DEC in Natural Sciences

Cégep André-Laurendeau

Jan 2016

Skills

- Java
- React
- NodeJS
- Docker
- IAC
- REST API
- Airflow
- Effective Communication
- Typescript
- React Native
- SQL
- AWS
- Monitoring
- A/B Testing
- Agile Methodology
- Problem-solving
- Python
- Spring
- NoSQL
- CI/CD
- Elasticsearch
- Natural Language Processing
- Team Leadership

Website, Portfolio and Profiles

[linkedin.com/in/guillaumeahki/](https://www.linkedin.com/in/guillaumeahki/)

Languages

English - Bilingual

French - Bilingual

Chinese (Cantonese) - Advanced

Chinese (Mandarin) - Conversational

Awards

- Winner of Org Hackathon at Amazon (2022)
- Winner of the Nuance Challenge at McHacks (2018)
- Second Place at Mission Hack (2018)
- Winner of the AstuceMedia Challenge for ConUHack 3 (2018)