

## Samera Sam

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### SUMMARY

Master's-educated IT professional with a strong engineering foundation and proven experience in technical leadership. Currently specializing in Artificial Intelligence and Machine Learning through the AI Career Accelerator to combine established architectural expertise with modern GenAI implementation. I have a track record of building scalable systems and leading Agile teams. I am eager to apply my "production-first" mindset to mission-critical AI/ML challenges.

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### TECHNICAL SKILLS

- AI & Data Engineering: Python (Pandas, NumPy), LLM Integration, RAG Pipelines, n8n Workflow Automation, Data Scraping, Sentiment Analysis, SQL (PostgreSQL).
  - Architecture & Backend: Node.js, Go (Foundational), RESTful APIs, Strapi (Headless CMS), Supabase, System Scalability.
  - Frontend Development: JavaScript (ES6+), TypeScript, React, Next.js, React Native, Tailwind CSS.
  - DevOps & Tools: Docker, Git/GitHub, CI/CD, Jira, Agile/Scrum.
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### PROFESSIONAL EXPERIENCE

**Tutors Oy | Lead Full-Stack Developer (Contract/Internship)** *Vantaa, Finland* | 04/2025 – 10/2025

- Technical Leadership: Spearheaded a team of 4, overseeing the architectural design and code reviews for a web platform built with React and Tailwind CSS.
- Full-Stack Engineering: Developed a cross-platform mobile application using React Native, utilizing Supabase for real-time data synchronization and PostgreSQL for complex relational data structures.
- AI & Data Automation: Engineered an n8n-based automation engine to scrape and process large-scale data from social media and hospitality platforms.

- Scalable Infrastructure: Integrated Strapi (Headless CMS) to ensure modular content management, improving system extensibility and developer efficiency.
- Agile Delivery: Championed 2-week sprints and daily stand-ups, maintaining a 100% on-time delivery rate for mission-critical project milestones.

**Valmet Automotive | Assembly Operations & Quality Control** *Uusikaupunki, Finland* | 12/2017 – 02/2022

- Ensured 100% compliance with strict quality and safety standards in a high-volume, precision-critical production environment.
- Collaborated in cross-functional teams to optimize workflow efficiency, demonstrating the attention to detail required for complex hardware-software integration.

**Nokia Solutions and Networks | R&D Engineering Trainee** *Oulu, Finland* | 06/2016 – 08/2016

- Supported electromechanical design and prototyping for base station radio equipment.
- Assisted in R&D research for telecommunications hardware, gaining early exposure to high-reliability communication systems and signal testing.

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## EDUCATION

**Business College Helsinki | Diploma** *Full-Stack Web Development (WordPress, React, PHP)* | 2024 – 2025

**Guru Gobind Singh Indraprastha University | Master's Degree** *Information Technology* | *New Delhi, India* | 2008 – 2011

**Mosul University | B.Sc. Degree** *Computer and Information Engineering* | *Nineveh, Iraq* | 2003 – 2007

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## REFERENCES

- **Alx Udensi**, Full-Stack Developer & Executive Assistant, Tutors Oy | [alx@tutores.fi](mailto:alx@tutores.fi)
- **Antti Konttinen**, Lecturer, Business College Helsinki | [antti.konttinen@bcc.fi](mailto:antti.konttinen@bcc.fi)