

Safa Aru

Full-Stack Developer | Python Developer | AI Integration | Healthcare Tech

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Profile

As a **Full Stack Developer**, I love crafting smooth user experiences with React and Angular and ensuring solid back-end performance with Node.js. Passionate about agile teamwork and database management, I enjoy turning ideas into impact, user-friendly solutions, always embracing new challenges and continuous learning.

Professional Experience

08/2023 – 11/2025
Toronto, Ontario,
Canada-Hybrid

Information Technology Specialist

GCR-Group Permanent Full-time

I worked closely with healthcare technology teams to modernize diagnostic systems and improve the user experience for medical professionals.

Led the design and development of an AI-powered patient intake and triage module for a national telehealth platform. Integrated large language models via a secure API layer and engineered a real-time data pipeline to provide clinical decision support, ensuring strict HIPAA and PHIPA compliance.

02/2021 – 07/2023
Toronto, Ontario,
Canada - Remote

Full-Stack Python Developer

Developed and maintained core features for a cloud-based clinical decision support SaaS application using Django and React. Built scalable RESTful APIs to interface with hospital EHR systems and implemented data visualization dashboards that improved client reporting efficiency by 30%

06/2019 – 01/2021
Mississauga, Ontario,
Canada - Remote

Junior Full-Stack Developer

PointClickCare

Contributed to the front-end development of resident care modules using AngularJS and supported back-end bug fixes and feature enhancements in a Python/Java monolithic application for long-term care facilities. Gained foundational experience in healthcare data models and agile development cycles.

Education

2016 – 2019
Toronto, Ontario,
Canada

Computer Science

George Brown College

My university's rigorous, project-focused curriculum provided hands-on experience in building full-stack applications with Python and React, introduced foundational AI/ML concepts through dedicated labs, and fostered professional collaboration through agile-driven team projects.

Skills

Core Development & Languages

- **Backend:** Python, Django, Flask, FastAPI, RESTful APIs, GraphQL
- **Frontend:** JavaScript, TypeScript, React.js, Vue.js, or Angular, HTML5, CSS3
- **Database:** PostgreSQL, MySQL, MongoDB, Firebase, ORMs (SQLAlchemy, Django ORM)

Healthcare Technology Specialization

- **Standards & Compliance:** HIPAA, GDPR, FHIR (Fast Healthcare Interoperability Resources), HL7, Security Best Practices
- **Healthcare Concepts:** Electronic Health Records (EHR), Health Informatics, Telemedicine Platforms, Data Privacy & Security
- **Domain Knowledge:** Experience with Protected Health Information (PHI), Auditing, Access Controls

AI & Machine Learning Integration

- **Frameworks & Libraries:** PyTorch, TensorFlow, Hugging Face Transformers, Scikit-learn, LangChain, LlamaIndex
- **AI Concepts:** Prompt Engineering, RAG (Retrieval-Augmented Generation), Model Fine-Tuning, API Integration (OpenAI, Anthropic, etc.)

Technical Practices & Tools

- **Version Control:** Git, GitHub, GitLab
- **Architecture:** Microservices, MVC, Serverless, API Design
- **Testing:** Unit Testing, Integration Testing, Pytest
- **Project Management:** Agile/Scrum, Jira, Confluence