

Adem

Software Engineer — CPE



Profile

Developer with expertise in various programming languages and technologies. Experienced in requirements analysis, team management, problem-solving, coding, testing, and DevOps.



Work Experience

2023

Software Engineer

IBM, Montréal, Canada — 5 months

- Developed a personal data protection solution using data science techniques.
- Advanced Java development with the IBM Ireland library.
- Employed RabbitMQ for messaging in the Java application.
- Collaborated with team members to meet specific Java project requirements.

2022

Functional Analyst

Desjardins, Montréal, Canada — 10 months

- Analyzed business needs and functional specifications.
- Collaborated with cross-functional teams for software solutions.

2022

Development Team Lead (intern)

Archer, Québec, Canada — 4 months

- Supervised a development team implementing Salesforce solutions.

2021

Unreal Engine Developer (intern)

CAE, Montréal, Canada — 4 months

- Contributed to the development of CAE Prodigy (IG) image generator using Unreal Engine.

2018

Network Architect (intern)

Ooredoo, Algiers, Algeria — 4 months

- Designed and implemented network architectures for telecommunications.
- Managed and maintained network systems using Cisco Packet Tracer and GNS3.



Education

2023

Baccalauréat en Génie Logiciel

Polytechnique Montréal, Montréal, Canada

Obtained

2018-2020

Baccalauréat en Informatique et Génie Logiciel

UQAM, Montréal, Canada

60 credit

2015-2018

Baccalauréat en Électronique (Option Automatique)

USTHB, Algiers, Algeria

60 credit



Contact



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GitLab

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Address

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Skills

- Requirements Analysis
- Team Management
- Problem Solving
- Coding
- Testing
- DevOps

- Industries: Banking, Aerospace, IT Services.

Tools and Language: Java, TypeScript, Python, SQL, C++, Node.js, JavaScript, Shell, Dart, HTML/CSS, PHP, C#, C, Kotlin, Batch, Yml, PLSQL, Apex, Aura, XML, Spring-Boot, Express, Next.js, Numpy, Unreal Engine, Unity, React, Angular, React Native, Prisma, Matplotlib, Spark, Tensorflow, Pandas, Git, Gitlab CI/CD, Linux, Vim, VS Code, IntelliJ, Eclipse, Confluence, Jira, SonarQube, Snagit, Salesforce, Matlab.



Projects

- **Scrabble Game:** Link (Electron.js, Flutter, Socket.io, MongoDB)
- **Synopsis Generator for Novels and Stories:** (C++, Java, NLP Libraries)
- **Harraga Simulator:** (Unity, C (Sharp))



Languages

- French: Fluent (4.0)
- English: Intermediate (2.5)