

CHARLES SAROUFIM

Technical Project Manager, AI Engineer, QA Engineer, Programming Professor

PROFESSIONAL SUMMARY

Programming Professor and Software Project Manager with over 9 years of experience in AI, software development, and project management. Combines strong foundations in languages such as Java and C++ with modern AI-driven development practices, including vibe coding and the effective use of tools like Claude and Cursor to accelerate prototyping, problem-solving, and code quality. Experienced in leveraging platforms such as JIRA and Postman to streamline workflows and deliver high-impact solutions. Passionate about integrating cutting-edge technologies, driving innovation, and fostering a culture of continuous learning and AI adoption.

EMPLOYMENT HISTORY

DEV/AI RESOURCE MANAGER <i>Aspire Software - Valsoft</i>	2025 - Present <i>Beirut</i>
- Managing and supporting a team of 100+ developers across multiple subsidiaries and product lines. - Conducting and grading technical assessments for open positions, ensuring hiring standards are met. - Leading and optimizing the technical interview process to identify top talent efficiently. - Collaborating cross-functionally with engineering, HR, and leadership teams to foster a healthy and productive development culture. - Designing and implementing a company-wide AI training and upskilling program, enabling developers to integrate AI/ML tools into their daily workflows. - Tracking individual and team growth metrics to ensure alignment with company objectives and continuous improvement. - Mentoring junior and mid-level developers and offering structured feedback for career growth and performance improvement. - Staying abreast of AI/Dev trends to guide strategic hiring, internal capability building, and innovation opportunities.	
TECHNICAL PROJECT MANAGER <i>Blue Technologies</i>	2022 - 2025 <i>Cleveland, Ohio, United States</i>
- Led technical software projects, delivering measurable results and enhancing team collaboration. - Managed cross-functional teams, achieving project goals with innovative solutions. - Optimized project timelines, resulting in significant cost savings. - Implemented strategic software initiatives, improving system efficiency. - Resolved complex technical issues, ensuring seamless project execution.	
TECHNICAL CONTENT REVIEWER – FREELANCE REMOTE <i>Smart Education</i>	2023 - 2024 <i>UAE</i>
- Review technical content for accuracy, ensuring clarity and precision in educational materials. - Enhanced content quality, leading to improved learner engagement and understanding. - Collaborated with authors to refine technical documents, fostering a culture of continuous improvement. - Analyzed complex topics to simplify content, making it accessible to a wider audience. - Identified and resolved inconsistencies, contributing to a more cohesive learning experience. - Reviewed and optimized technical content for accuracy, readability and SEO performance, ensuring alignment with educational standards and user needs	
HEAD OF ENGINEERING - REMOTE <i>Tesla University</i>	2022 - 2025 <i>Aruba</i>
- Architected and rapidly prototyped a full engineering system using Cursor with a vibe coding approach, translating high-level product vision into scalable code through AI-assisted development workflows. Enhanced content quality, leading to improved learner engagement and understanding. - Leveraged Claude and Cursor to accelerate feature development, automate code generation, and enforce clean architecture patterns, reducing development time while maintaining high code quality. Analyzed complex topics to simplify content, making it accessible to a wider audience. - Established engineering standards and workflows, including AI-assisted code reviews, structured prompt engineering practices, and integration pipelines to ensure consistency across the system. - Acted as Head of Engineering, leading technical direction, mentoring developers on AI-native development practices, and aligning	

engineering execution with business and product objectives.

DIRECTOR OF RESEARCH & DEVELOPMENT DEPARTMENT. ADVISOR, SUPERVISOR, LECTURER – REMOTE

2020 - 2025

ACCORD UNIVERSITY

Somalia

- † Lead R&D department, fostering innovation, guiding projects, and mentoring future leaders.
- † Advise and supervise research initiatives, ensuring alignment with academic goals and standards.
- † Deliver lectures, enhancing student engagement and understanding through interactive teaching methods.
- † Lead strategic research initiatives and supervise doctoral candidates while fostering innovation in academic programmes and maintaining research excellence
- † Direct cross-functional research teams, implement data-driven methodologies, and establish collaborative partnerships with industry leaders
- † Mentor faculty members, guide research projects, and create supportive learning environments while maintaining high academic standards
- † Streamline research processes, secure external funding, and drive publication outputs while enhancing department's international reputation
- † Develop cutting-edge research frameworks, implement novel teaching methodologies, and spearhead technological integration in academic research

PROGRAMMING LANGUAGES INSTRUCTOR – FREELANCE REMOTE

2020 - 2022

Digital Media Academy

Canada

- † Taught AI and app development to young programmers, enhancing skills in Java OOP.
- † Developed engaging curriculum, improving student comprehension and coding proficiency.
- † Facilitated hands-on projects, fostering critical thinking and problem-solving skills.
- † Guided students in creating functional apps, achieving high satisfaction rates.
- † Collaborated with peers to refine teaching methods, resulting in improved learning outcomes.
- † Led dynamic programming courses in AI and Java, developing custom teaching methods to transform complex concepts into engaging lessons for young learners

PROGRAMMING INSTRUCTOR

2019 - 2022

AMERICAN UNIVERSITY OF LEBANON – WFP PROGRAM

- † Teach Python and web development to over 150 students annually, enhancing programming skills.
- † Developed engaging curriculum, resulting in improved student comprehension and application.
- † Utilized interactive teaching methods to foster collaborative learning and critical thinking.
- † Guided students in practical projects, leading to increased confidence in technical abilities.
- † Achieved high student satisfaction rates through supportive and effective instruction.

DIRECTOR OF SOFTWARE DEVELOPMENT PROGRAM - REMOTE

2020 - 2022

REACH ACADEMY

Toronto, Canada

- † Led strategic development of software curriculum, mentored instructors, and established industry partnerships to create cutting-edge learning pathways
- † Implemented data-driven program improvements, streamlined development processes, and enhanced student learning outcomes through systematic assessment
- † Orchestrated comprehensive software development program restructure, resulting in improved student placement rates and industry recognitionBuilt dynamic partnerships with tech industry leaders, created mentorship programmes, and facilitated hands-on learning opportunities
- † Pioneered modern teaching methodologies, integrated emerging technologies, and developed adaptive learning frameworks for diverse student needs

EDUCATION

PHD IN ARTIFICIAL INTELLIGENCE <i>Accord University</i>	Jan 2020 - Dec 2023 <i>Somalia</i>
MASTERS IN COMPUTER SCIENCE <i>Arts, Science & Technology University</i>	Jan 2018 - Dec 2020 <i>Lebanon</i>
BACHELOR IN COMPUTER SCIENCE <i>American University of Science and Technology</i>	Jan 2014 - Dec 2018 <i>Lebanon</i>

COURSES

PROJECT MANAGER CERTIFICATION
Reach Academy

ETHICAL HACKING AND QA ENGINEER
Udemy

CLAUDE CODE
Coursera

EMERGENCY FIRST AID CERTIFICATE
Lebanese Red Cross

SKILLS

Artificial Intelligence (AI), AI-Assisted Development, Vibe Coding, Prompt Engineering, Machine Learning Fundamentals

Programming Languages: Java, Python, C++, SQL

Systems & Technologies: Linux, Hadoop, Hive

Software Development & Architecture, API Development, REST APIs

Testing & QA: API Testing, Test Automation, Cucumber, Postman

Tools & Platforms: Cursor, Claude, JIRA

Project & Engineering Management: Agile (Scrum), Software Project Management, Team Leadership, Stakeholder Management

Security & Data: Cybersecurity, Business Intelligence, Data Processing

Other: Technical Writing, Communication Skills, Problem Solving

LANGUAGES

Arabic (*Native*), English (*Highly proficient*), French (*Highly proficient*).

ADDITIONAL INFORMATION

PROJECTS

- Developed ArCar application for car error detection and diagnosis
- Created various Android applications including translation app, mood ring, paint plot, and space invaders
- Implemented high-level computer room setup for Saint Anne's high school