

KAGAN RUA

SOFTWARE DEVELOPER

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Skills

TECHNICAL SKILLS

Python(Django, Pip,
Jupyter)

Java(Maven,
Springboot)

Go

Docker

Kubernetes

Postgresql

AWS

Git

Javascript(ReactJS,
NodeJS, NextJS)

Bash/Linux

Jira

SOFT SKILLS

Collaboration &
Teamwork

Communication

Problem-Solving

Adaptability

Critical Thinking

LANGUAGES

English

French

Turkish

Education

McGill University
BSc. Computer Science

Sept. 2017 to Dec. 2021

Employment

Zetane Systems

Full-Stack Developer

Nov. 2022 to Oct. 2024

- Collaborated with cross-functional teams to deliver solutions that meet both technical and business needs, ensuring smooth project delivery and client satisfaction
- Simplified complex technical processes into easy-to-use features for customers, allowing non-technical users to interact with AI-driven systems effectively
- Developed and deployed a billing system using Stripe, Postgres, and Django middleware to manage user plans and enforce usage limits
- Implemented an on-premises data storage solution for government clients with strict data policies, enabling local storage
- Optimized job execution by moving metric computations (accuracy, precision, etc.) from backend to frontend, reducing database load and improving performance
- Created a pip package for local deployment of AI pipelines with Kubernetes and Minikube, streamlining the setup for users
- Integrated Mixpanel analytics and Sentry error tracking for detailed user insights and error reporting
- Embedded Go executable within an Electron app, improving user experience and reducing launch time by 15%
- Built an automated system for electric/gas meter readings, using Python for image processing, S3 for storage, and Docker/Kubernetes for inference jobs

Morgan Stanley

Java/Scala developer

Jan. 2022 to Nov. 2022

- Developed extra features in QA environment for bond pricing algorithms in Scala
- Deployed production changes in production environment using git, jira, and Morgan Stanley's CI/CD tools
- Worked in a team using Agile methodologies and developing extra features for UI apps and porting them as applets to appropriate workbench
- Implemented automated unit and functional tests for UI app's functionality using Selenium and Application Lifecycle Management
- Integrated different systems used in the company to Morgan Stanley's Risk Analysis Framework

Private Tutoring

Jan. 2021 to Current

- Tutored over 20 students on various topics in computer science including OOP, ML and NLP
- Personalized curriculums for computer science students at McGill University

Awards

Le Français des Affaires · TEFAQ

Sept. 2023

Achieved B2 in oral expression and listening comprehension, C2 in written comprehension, and C1 in written expression.

Volunteering

Improvisation

Apr. 2024 to Current

Participating in improv has helped me hone quick-thinking, adaptability, and communication skills. Through regular performances and practice sessions, I've developed the ability to collaborate effectively in dynamic, unscripted environments. Improv has strengthened my ability to think on my feet, stay calm under pressure, and bring creativity to problem-solving—skills that translate seamlessly into my professional life.