Kagan Rua

Personal details

👤 Kagan Rua

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Skills

Python(Django, Pip, Jupyter) ●●●●●

Java(Maven, Springboot) ●●●○○

Docker ●●●●○

Kubernetes ●●●●○

Postgresql ●●●●○

AWS ●●●●○

Git ●●●●●

Javascript(ReactJS, NodeJS, NextJS) ●●●●○

Bash/Linux ●●●●○

Jira ●●●○○

Collaboration & Teamwork ●●●●●

Communication ●●●●●

Problem-Solving ●●●●○

Adaptability ●●●●●

Languages

English ●●●●●

French ●●●●●

Turkish ●●●●●

Education

BSc. Computer Science   **Sep 2017 - Dec 2021**
McGill University

Employment

Full-Stack Developer   **Nov 2022 - Oct 2024**
Zetane Systems
- Built user-friendly AI interfaces using React and Node.js, simplifying machine learning workflows for non-technical users.
- Designed and deployed a billing analytics system with Stripe, Postgres, and Django to track user plans and enforce usage limits.
- Optimized model performance tracking by migrating filtering logic to the frontend, reducing database load per request.
- Developed a pip package for AI model deployment using Kubernetes and Minikube, automating context configuration, pre-deployment verification, and seamless deployment of the ZetaForge Electron app from AWS S3.
- Built an automated pipeline for meter readings with computer vision, S3 storage, and Docker/Kubernetes for inference orchestration.

Java/Scala developer   **Jan 2022 - Nov 2022**
Morgan Stanley
- 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

Projects

Personal Website   **Dec 2024 - Present**
- Developed a personal portfolio website using React for a dynamic and responsive UI.
- Hosted the website on Netlify, ensuring fast and reliable deployment.
- Used GitHub for version control, maintaining a structured and collaborative development process.
- Showcased projects, skills, and experience, enhancing professional online presence.

Extracurricular activities

Improvisation   **Apr 2024 - Present**
Montreal
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.