Rick Park

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Projects

autoML
React JS | Spring Boot | MySQL | Docker
- Developed full-stack web app that allows clients to build their own customizable AI model
- Designed entity relationship model for MySQL database system to manage records of AI model in training/testing/queueing/deployment stages
- Develop scheduled batch processes to handle AI model requests in queues
- Collaborated with AI engineers to create APIs for communicating data between the user interface and a Docker image
- Integrated NAS server to securely distribute essential data required for AI model training/testing

maumAcademy
Spring Boot | Thymeleaf | MySQL | Redis | NGINX
- Developed and deployed production level online training web platform for AI consultants
- Collaborated with the UI/UX design team to build the frontend of the web application
- Designed a database structure to store training materials in various formats with the Neuron team.
- Integrated maum.ai SSO and JWT tokens to enforce authorization for users to access its contents
- Added cache and session management using Redis to hold user's session information
- Applied proxy and SSL using NGINX and deployed to production using AWS EC2 instance

AVA - AI Virtual Avatar
Vue | Spring Boot | MariaDB | Redis | NGINX
- Developed subscription-based payment system by integrating INICIS library and batch process jobs.
- Added Spring Security and JWS tokens to secure user data and authenticate API requests
- Implemented Redis cache management to optimize Text-to-Speech file download speed
- Developed admin system to monitor user subscription payments, customer inquires, and TTS file downloads using Vue, MariaDB, and Spring Boot.

AI BUILDER
jQuery | Spring MVC | MSSQL
- Developed API client features and project management system for clients to create customizable AI services
- Integrated internationalization to outreach global clients
- Fixed major bug issues regarding execution flow of chained AI models within the web app's sandbox

Work experience

📅 07.2021 – 08.2021 ⦿ REMOTE
CS Instructor - code.x
- Teaching React JS and 3rd year CS topics to high-school students in Albania.
- Create code sandbox modules and coding projects for each session
- Monitor student progress with final capstone web app project
- Collaborate with other instructors and TAs to deliver effective lesson plans

📅 07.2020 – 06.2021 ⦿ TORONTO
Software Developer [Toronto Team Lead]
Minds Lab Inc.
- Led team Toronto in developing maum.ai service projects such as AVA, AI BUILDER, and autoML.
- Collaborated with the Korean headquarters to expand businesses in North America
- Directly reported to the CEO and CIO regarding application development and business expansion progress
- Used JIRA and Confluence to manage documents, research, and project tasks for team Toronto

📅 04.2020 – 07.2020 ⦿ TORONTO
Software Developer [Intern] - Minds Lab Inc.
- Integrated localization/internationalization to maum.ai service for global outreach
- Developed and managed maum.ai platform landing page
- Trained and tested Sound-to-Text (DNN/CNN) models for the Samsung REVO project
- Managed Sound-to-Text data acquisition project

Education

📅 09.2017 – PRESENT ⦿ TORONTO
Seneca College
Bachelor of Technology in Software Development
Overall GPA: 3.9/4.0 | Scholarship (Fall 2019, Fall 2018, Fall 2017) | President's Honour List (Winter 2018, Fall 2018)

Skills

JavaScript | Java | C++ | Python | HTML | CSS | Bash
Vue | React JS | jQuery | Spring | NGINX
Firebase | MySQL | MSSQL | MariaDB | Redis
AWS | Linux | Git | Docker