

IBRAHIM IQBAL

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Relevant Experience

School of Applied Technology - Software Development Consultant,
Sweden

May 2023 - Present

- Built products for clients using agile methodologies.
- Containerized applications through Docker
- Set up **CICD** pipeline for AWS, Azure and Fly deployments from GitHub.
- Used Bash with AWS CodeDeploy to complete the AWS pipeline.
- Set up CICD pipeline for Fly.io deployments through GitHub actions.
- Setup automated testing using Github Actions.
- Set up automatic deployments to Azure through GitHub actions.

VisualCron - Application Engineer Specialist

Dec 2022 - Jun 2023

- Tested the beta version and recreated bugs from customers on the stable version, then reported bugs to developers through Jira.
- Reduced response times by 27% and achieved a satisfaction rate of 100%, increasing the average satisfaction rate of the team by 19%
- My supervisor described me as an outside-the-box thinker and exemplary.

Global Commerce Media - Data Analyst Intern

May 2022 - Aug 2022

- Learned and applied the basics of Search Engine Optimization (SEO).
- Gathered data through RPA and cleaned it for analysis.
- Assisted with content marketing on social and traditional media.

PROJECTS

Equity Ai

- FrontEnd: Nextjs, Backend: SpringBoot, AI Model: Phi + CHAT GPT
- Lead generator prototype for a pay transparency company (Sysarb).
- Created Mathematical models to analyse data.
- Implemented support for multiple file types.
- Used Langchain and Ollama for general analysis for end users
- The CPO of Sysarb said: **"Great and interesting"**. Inspired Sysarb to build the same tool inhouse for enhancing the sales process.

EchoBoard

- Developed using SpringBoot to provide a RESTful API and React.
- Deployed on Fly.io and AWS with a PostgreSQL database.
- Implemented CICD pipeline on AWS EC2 and Fly.io, optimising deployment frequency from weekly to daily cycles, enhancing developers' velocity.
- Engineered solution for mocking user authentication for testing and implemented automated tests.
- Implemented schema based **multi tenancy** for increased data isolation.
- Designed and implemented real time chat rooms using websockets.
- Performed migration from AWS to Fly.io and database migration from AWS to neon.tech
- User Management: Implemented robust user authentication and validation processes.

Ethical Domain Takeover

- Developed Python scripts to accelerate domain takeovers.
- Led a team of undergraduate students in ethical domain takeovers.
- Created software to identify vulnerable domains.