AIRELL RASENDRIYA BACHTIAR

Personal info

* 28/11/2001
* +31 687778261
* airell.bachtiar@gmail.com
* Eindhoven, Netherlands

Links

* /airellbachtiar
* /airell-bachtiar

Skills

* C#, Java, Python, JavaScript, HTML, CSS, React, Razor Pages, .NET, Spring Boot, Cypress, Dezyne, ComMA
* SQL Server, MySQL, MongoDB, Cosmos DB
* Git, GitHub, GitLab
* Azure DevOps, Docker, Kubernetes, Firebase, Azure Cloud Service, Messaging Bus
* SonarQube, Sonar Cloud, K6
* Artificial Intelligence/Machine Learning

Languages

* Indonesian (Native Proficiency)
* English (Professional Proficiency)

WORK EXPERIENCE

Philips
Full-time, Software Engineer Intern
FEBRUARY 2023 – AUGUST 2023
* Developed a tool to help software developers in converting a state machine diagram to Component Modelling and Analysis (ComMA)
* Collaborated closely with a team and applying Scaled Agile Framework (SAFe)

Sioux Technologies
Full-time, Software Engineer Intern - Graduation Internship
SEPTEMBER 2024 – FEBRUARY 2025

* Investigate the potential of Large Language Models to improve model-driven engineering processes
* Developed a tool that automates the generation of SpecFlow acceptance tests and system requirements
* Gained hands on experience in prompt engineering as a core aspect of the project

EDUCATION

Information & Communication Technology, Fontys University of Applied Sciences
EINDHOVEN   2020 – PRESENT

* Top Talent Scholarship
    - Scholarship offered by the university for excellent non-EU students
* Graduated with Honors (Cum Laude)

PROJECTS

Raffle Shopping
PRIVATE   2023
For my individual project at Fontys, I developed a raffle shopping website. The objective was to build enterprise software capable of efficiently managing a high volume of users simultaneously. I implemented a microservices architecture and leveraged various cloud services to gain practical experience with cloud technology. I utilized continuous integration and continuous deployment (CI/CD) to deploy my software, using Azure Kubernetes Service.

.NET, React, Kubernetes, Azure Cloud Services, Messaging Bus, Firebase, Cosmos DB, Docker

Infoland Moderator Dashboard (SCRUM Master)
INFOLAND   2023
As a SCRUM master, I played a key role in a team of six members working on the development of a moderator dashboard for Infoland. This dashboard assists moderators in overseeing campaigns within the Infoland product, Zenya Boost. It incorporates an AI model to analyze sentiment, questions, and content moderation.

.NET, Vue TS, Azure DevOps, Azure AI | Machine Learning Studio

Shogi AI
PRIVATE   2024
Shogi is a Japanese version of chess with more variations and possible moves than regular chess. I trained an agent using deep learning and reinforcement learning to help it play Shogi and pick the best moves to win from any position.

Python, Artificial Intelligence/Machine Learning, Reinforcement Learning, Deep Learning