Felix Filipi

East Java, Indonesia

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Summary

Experienced research assistant with a demonstrated history of working in the computer software industry. Skilled in Python, Machine Learning, Deep Learning, Computer Vision, Data Mining, Arduino, R, Frontend Development, C (Programming Language), and Linux. Strong engineering professional with a Bachelor's degree focused in Computer Science from BINUS University.

Experience

IT Specialist

PT Bank Central Asia Tbk (BCA)

Feb 2022 - Present (1 year 3 months)

1. Collect and Analyze data from database to solve given problems.
2. Automate data collection and analysis using ETL tools such as SSIS.
3. Create reports and charts using SSRS to visualize the data.
4. Create websites (Frontend-Backend) using ASP.NET MVC C# to manage the data.
5. Deploy reports and charts to website.

Research Assistant

BINUS University

Oct 2020 - Jun 2022 (1 year 9 months)

1. Research Project Manager, develop, schedule, and monitor all facets of the research process.
2. Configure and maintain a High Availability Cluster Server using Ansible, Kubernetes, and Docker.
3. Benchmarking developed Active-active Cluster Server using ApacheBench.
4. Develop Raspberry pi for hardware implementation to build a new model of Face recognition-based attendance system.
5. Develop a Face Recognition system using Python - OpenCV.
6. Develop Frontend with HTML, tailwindCSS, SCSS, and Javascript - Jquery dashboard environment as a platform interface.
7. Develop a leaf spot disease detector for an automatic aquaponics monitoring system.
8. Develop M2M communication using MQTT (Publish-Subscribe).
9. Develop robotic process automation to crawl data through the website.
10. Develop machine learning & deep learning model for various projects initiated by lecturers.

Education

BINUS University

Bachelor's degree, Computer Science

2019 - 2023

Thesis : Development of Vehicle Repair Service using Cross Platform Mobile Application

Tech Stack :

1. React Native
2. Typescript
3. PostgreSQL
4. NodeJs
5. Prisma ORM
6. Linux

Licenses & Certifications

Fundamentals of Deep Learning - NVIDIA
363d13058cfa47bc9f59a90547f0a159

Amazon Web Services Cloud Practitioner - Amazon Web Services (AWS)
Issued Sep 2022 - Expires Sep 2025
Q3ET50DK52R1QNKL

Skills

C++ • Python (Programming Language) • Linux • React.js • React Native • Express.js • TypeScript • Qt • Internet of Things (IoT) • Artificial Intelligence (AI)

Honors & Awards

Finalist of Indigo Hackathon Festival (IHF) Health & Home Intelligence - Indigo Creative Nation
Sep 2021
• Top 30 out of 419 teams in Indigo Hackathon Festival held by Indigo Creative Nation under the theme of TransformNation.
• Finalist in Health & Home Intelligence category.
• Develop a new biometric face recognition-based attendance system with automatic contactless thermal measurement, real-time camera streaming & recording which is managed by web-based data management system.

1st winner of ICStar Hackathon Indonesia-Malaysia 2021 - ONE Indonesia
Oct 2021
Develop automation using RPA which scrape information from the business desired by the user (BCA) through a website application called Google Maps. All retrieved data will be mapped to find its nearest bank and find for its distance to predict it as a potential customer using a machine learning algorithm. Each completed or on progress process status will be sent via Telegram to inform the customer about the process of the robot.