Alvaro Pratama Maharto

Front-End Developer ✳ Website Developer ✳ Data Scientist
Residence: Amsterdam, Netherlands ✳ *Telephone number:* 0611212660
E-mail: alvaro.maharto@outlook.com ✳ *LinkedIn:* linkedin.com/in/alvaropratama

Education

Bachelor's degree in Computer Science   *Vrije Universiteit Amsterdam*
Bachelor of Science, Minor in Data Science   *August 2021 - August 2024*
Major: Computer Science
Amsterdam, Netherlands

Work experience

Workwize   *Mar 2025 – Sep 2025*
Data Engineer Intern   *Amsterdam, Netherlands*

- Automated operational workflows using Python, JavaScript, and MySQL, improving efficiency across 3PL logistics processes.
- Built internal applications with Retool, integrating live data from multiple sources to streamline business operations.
- Developed backend services with Laravel, implementing APIs and scheduled jobs to fetch and process external data.
- Designed and executed daily/weekly data validation checks to ensure accuracy and reliability of business-critical datasets.

TechBros   *Dec 2024 – Feb 2025*
Software Engineer (Part-time)   *Düsseldorf, Germany*

- Developed an ETL pipeline for Radio Access Network (RAN) data, transforming XML files into structured data frames and uploading them to AWS RDS.
- Built full-stack solutions with the Node.js backend and the React.js frontend, including real-time APIs and automated data processing.
- Created interactive Tableau dashboards to visualize telecom connection speeds using geolocation data for comparative analysis.
- Delivered a web-based HR automation platform with Tailwind CSS, integrating Personio APIs to track employee work hours and generate flexible JSON reports.

Vrije Universiteit Amsterdam   *November 2023 - December 2023*
Teaching Assistant for Statistical Method   *Amsterdam, Netherlands*

- Managed practical sessions with approximately 30 students per class, offering guidance through assignments, and provided support during tutorial sessions for theoretical exercises.
- Employed SpeedGrader in Canvas for grading 20 group assignments, providing constructive feedback and ensuring accurate assessment of student work while upholding academic integrity standards.
- Addressed student inquiries and questions via email, Canvas messages, or Canvas discussion forums, offering prompt and effective assistance to enhance the students learning experience.

MindReality   *October 2022 - May 2023*
Junior Web Developer Internship   *Amsterdam, Netherlands*

- Developed a web application using React-JS, resulting in increased user engagement and improved user experience.

- Incorporated Google Firebase for efficient data storage and implemented the API to seamlessly connect with the application, ensuring reliable performance and data management.
- Implemented CircleCI infrastructure to automate the workflow from commit to deploy, streamlining the development process and reducing deployment times by 50%.

Organizations activities

PPI Amsterdam *November 2021 - December 2022*
External Relations Officer *Amsterdam, Netherlands*
PPI Amsterdam is a student association representing Indonesian students in Amsterdam. As an External Relations Officer, the role was the primary point of contact for external parties, including other student associations, educational institutions, local businesses, and community organizations.

PPI Belanda *December 2022 - December 2023*
External Partnership Officer *Netherlands*
PPI Belanda is an association that represents Indonesian students in the Netherlands. As an External Partnership Officer, the responsibility was to develop and maintain connections with outside partners and organizations and secured a 20% increase in sponsorship fund for events.

Certifications

Succeeding in Web Development: Full Stack and Front End *July 2023*
LinkedIn Learning Path Certificate
The course focuses on both front-end and back-end technologies, allowing mastery as a full-stack developer. The course offered comprehensive training, guaranteeing learners could navigate the complexities of modern web development with confidence.

Career Essentials in Software Development by Microsoft and LinkedIn *July 2023*
LinkedIn and Microsoft Certificate
This course taught the fundamental skills for a software development career. Through structured modules, participants gained insight into essential programming concepts, diving into the theory of language structures. Moreover, the course emphasized the importance of adopting foundational practices to excel in software development.

Become a Software Developer *July 2023*
LinkedIn Learning Path Certificate
This course provided essential programming skills necessary for a software development career. Insights into core technologies for web and software development, along with databases, were gained. Fundamentals of programming were enhanced through the study of HTML, CSS, Python, JavaScript, and Java. The learning path offers a comprehensive view of careers in development by presenting common technologies and the complex dynamics of the industry.

Technical skills

Programming Languages/Tools	C, C++, Java, Python, LaTeX, HTML/CSS, ReactJS, Node.js, Laravel, SQL
Statistics	R, Basic statistics

Languages

Indonesia	Native or bilingual proficiency
English	Professional Working Proficiency
Dutch	Elementary Working Proficiency