

SAIDIL HALIM

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Yogyakarta, Indonesia

I am a Software Engineering Technology student at Gadjah Mada University with a strong focus on machine learning and frontend development. I am passionate about exploring the transformative potential of machine learning to solve complex problems and develop intelligent systems. Simultaneously, I leverage my expertise as a Frontend Engineer to design intuitive and dynamic user experiences, delivering impactful solutions in my projects.

Experiences

Bangkit Academy 2024 By Google, GoTo, Tokopedia, Traveloka

Sep 2024 - Dec 2024

Machine Learning Cohort

An intensive training program supported by Google, GoTo, and Traveloka, aimed at producing highly skilled digital talent in Indonesia.

- Mastery of Python programming for data analysis and model development and Core mathematical concepts, including linear algebra, probability, and statistics, essential for understanding machine learning algorithms.
- Applied supervised and unsupervised learning techniques, including regression, classification, and clustering, with model evaluation and optimization. Gained hands-on experience in deep learning using neural networks, CNNs, and RNNs for image and sequence data. Completed a multidisciplinary capstone project addressing real-world problems, collaborating across cloud computing and mobile development tracks under industry mentorship

Project

HandLips

Nov 2024 - Dec 2024

Machine Learning Engineer

- HandLips is a sign language translation project that utilizes three machine learning components: computer vision, natural language processing, and voice recognition. This project aims to assist the deaf and mute community in communicating more effectively with others.
- As part of the Bangkit Academy Machine Learning Path, I developed a Computer Vision model aimed at detecting hand gestures using deep learning techniques. This project was a hands-on application of machine learning concepts, combining image processing and real-time predictions

Atha Mebel-Kahasolusi

Feb 2024 - Jun 2024

Frontend Developer

- Atha Mebel-Kahasolusi is a company profile project for a furniture company. In this project, I contributed as a frontend developer, implementing designs provided by the designer, building features specified by the project manager, and integrating APIs developed by the backend team to ensure seamless functionality.
- My role in the Atha Mebel-Kahasolusi project focused on creating a visually appealing and functional company profile website by implementing designs, building features, and integrating backend APIs. The project achieved its objectives of showcasing the furniture company's offerings to potential clients effectively.

BPJK-Kahasolusi

Aug 2023 - Dec 2023

Frontend Developer

- In the BPJK-Kahasolusi project, I processed data and implemented it into its dashboard, while also adding several features to enhance its functionality.
- My involvement in the BPJK-Kahasolusi project allowed for effective data management and visualization, resulting in an improved dashboard experience.

AUTOMACH

May 2023 - Jun 2023

Frontend Developer

- Automach, developed as the final project for the Web Programming 1 course, is an e-commerce website tailored to the automotive industry.
- Automach is an automotive-focused e-commerce website that serves as a practical application of web programming skills. By integrating specialized features, it enhances the user experience and fosters a comprehensive learning journey within the automotive e-commerce domain.

Education

Gadjah Mada University - Yogyakarta

Aug 2022 - Present

Software Engineering Technology

Smas Unggulan Ar-Rahman - Sukabumi

Jul 2019 - Jun 2022

Science and Mathematics

Skills

- **Web Development:** In web development, I have mastered Laravel, Tailwind, Next.js, React.js, Node.js, and I am quite familiar with TypeScript.
- **Machine Learning:** In Machine Learning, I proficiently utilize Python libraries such as Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, and TensorFlow for data manipulation, visualization, machine learning, and deep learning tasks.