

Yudha Islami Sulistya

📍 Godean, Yogyakarta, Indonesia ✉ yudhamaster77@gmail.com ☎ (62) 853 4047 2027 🔗 [linkedin.com/in/yudhaislamisulistya](https://www.linkedin.com/in/yudhaislamisulistya)
🌐 <https://yudhaislamisulistya.my.id>

SUMMARY

I am Yudha Islami Sulistya, an Academic Instructor at Alterra Academy, specializing in teaching mobile application development with Flutter. I have a background in backend development using Golang and Python, and I am currently pursuing a Master's degree in Computer Science. I am passionate about sharing my knowledge and experience with students, particularly in the field of technology, and specifically helping them master Flutter and achieve success in mobile application development.

EXPERIENCE

Mobile Developer inievent.com

April 2021 - Okt 2021, Makassar, South Sulawesi, Indonesia

- Build android and ios based applications using the flutter framework.
- Understand the concept of state management such as provider or BLoC.
- Understand the API documentation provided by the backend developer.

Laboratory Assistant Faculty Of Computer Science Universitas Muslim Indonesia

March 2019 - Mei 2022, Makassar, South Sulawesi, Indonesia

- Ever been given the responsibility of being an assistant coordinator.
- Teaches several practical subjects such as Introduction to Programming, Databases, Mobile Programming, Web Programming, Enterprise Programming, Java Fundamentals, and many more.
- Develop a website-based integrated laboratory information system for the faculty of computer science.
- Optimized execution of experiments, reduced turnaround time by 40%, and increased efficiency of experiment processes by 25%.

Information Technology Developer Universitas Muslim Indonesia

September 2021 - February 2022, Makassar, South Sulawesi, Indonesia

- Develop an information system portal for Universitas Muslim Indonesia umi.ac.id.
- Develop an information system portal for Faculty of Law Universitas Muslim Indonesia fh.umi.ac.id.
- Develop alumni system ts.umi.ac.id.
- Making real work lecture activity management system applications.
- Developing independent learning in independent campus of Indonesian muslim university.

Assistant Instructor

Ministry of Industry of the Republic of Indonesia

Mei 2021 - July 2021, Makassar, Sulawesi Selatan, Indonesia

- Lead training sessions for 3D animation asset creation as Chief Instructor, collaborating with Spektrumedia Studio and Denpasar BDI Training Center, achieving over 90% participant attendance.
- Design a comprehensive curriculum covering fundamental to advanced 3D animation concepts, providing interactive instruction with over 85% material understanding, and enhancing participants' abilities for a 30% average portfolio improvement.
- Collaborate strategically with industry partners for content alignment, receive government support to elevate participants' skills by an average of 25%, and empower participants for effective contributions, fostering growth and industry development.

PROJECTS

WTON SHMS

PT Wijaya Karya Beton Tbk • November 2022 - February 2023

- Real-Time Concrete Structure Monitoring WTON SHMS, developed with Flutter, monitors concrete structures in real-time, utilizing sensors to detect temperature, humidity, and vibration for timely intervention.
- Instant Alerts and User-Friendly Interface Notable for sending real-time alerts to users upon detecting issues, it offers a user-friendly interface presenting data in comprehensible graphs and charts, enabling swift problem identification.
- Innovative Solution for Wika Beton Developed for Wika Beton, this accessible and user-friendly application, live at <https://wtonshms.vercel.app/> since 2023, facilitates concrete structure monitoring, timely intervention, and damage prevention.

Hai Touna

Sivia Indonesia • June 2021 - June 2022

- Hai Touna a mobile application-based information service for the Tojo Una - Una region, developed using Flutter for mobile and Lumen/Laravel for web, accessible at <https://hai-touna.lenta-lipuku.com/>.
- The project encompasses location details, events, and news, enabling users to explore key places, discover upcoming events, and schedule gatherings within the Tojo Una - Una area.

- Users can also access real-time news updates, order various products and services, including food, drinks, unique items, hotel bookings, transportation, and travel services, aiming to provide valuable information for locals and tourists, currently in the production stage and set to launch soon by Lentera Lipuku in 2020.

Quiz Islamic AI

Universitas Muslim Indonesia • December 2023 - Present

- Implemented user authentication, secure verification, and profile management for a trustworthy community experience.
- Developed an interactive platform featuring categorized Islamic questions, quizzes, and comprehensive answers.
- Created a virtual wallet system for users to track rewards and transactions, enhancing engagement.
- Enabled users to review past quiz attempts, scores, and provide feedback for continuous improvement.
- Implemented a notifications system, reminding users of quizzes, events, and unlocking new challenges.
- Offered premium packages for exclusive content, with a history feature for users' subscription tracking.

Thesis Apps

Universitas Muslim Indonesia • December 2019 - Present

- Involved in a team developing a thesis application for the Computer Science Faculty of Universitas Muslim Indonesia Makassar since December 2019.
- Contributed to creating an application to simplify final project completion for students within the institution.
- Ongoing commitment to the development of the thesis application, with a focus on improving student project experiences at Universitas Muslim Indonesia Makassar.

Sikat

August 2022 - December 2022

- "Sikad.ID" Integrated Security System:** Developed for Hasanuddin University lecturer housing complex in Tamalanrea, utilizing CodeIgniter 4 and MySQL, accessed at <https://sikat.id/>.
- Access Control and Monitoring:** Offers account registration, access management, and activity monitoring, enabling users to regulate access by adding/removing family members and track historical access records.
- Vehicle Management and Efficiency:** Features vehicle registration, parking access management, and tracking, ensuring only authorized vehicles enter, tailored for the security needs of Hasanuddin University lecturer housing complex, currently in production and set to launch in 2022.

Tracer Study UMI

Universitas Muslim Indonesia • August 2021 - December 2021

- UMI Tracer Study Project A project initiated to track the career progression and achievements of University Muslim Indonesia (UMI) alumni, offering a dedicated website accessed at <https://ts.umi.ac.id/> for alumni to participate in surveys and provide post-graduation career and education data.
- Project Objective Aimed at gathering alumni career and success information to evaluate the effectiveness of education provided by UMI, enhancing study programs, curriculum, and offering valuable insights for prospective students.
- Implementation Approach Executed using an online survey method through a dedicated project website, allowing alumni to access and input required data, with the collected data subsequently analyzed to gauge the career paths and accomplishments of UMI alumni post-graduation.

Lab Apps

Universitas Muslim Indonesia • January 2021 - June 2021

- Labs Apps an integrated information system developed for the computer laboratory of the Faculty of Computer Science at the Indonesian Muslim University (UMI), utilizing Laravel, CodeIgniter 4, React, and MongoDB database, accessible at <https://labfikomumi.com/>.
- The system facilitates lab registration, schedule management, and lab monitoring, enabling students to register for lab usage, control schedules, and monitor lab availability and usage.
- Staff management functionalities empower staff to manage lab-related data, including maintenance, inventory, and student information, enhancing the lab experience at the Faculty of Computer Science (FIKOM) at UMI, following its completion in 2020.

EDUCATION

Master's degree, Computer Science

Universitas Gadjah Mada (UGM) • Yogyakarta, Indonesia • July 2024 • 3.83

Backend Engineer

Alterra Academy • Indonesia • 2023

Bachelor's degree, Informatics Engineering

Universitas Muslim Indonesia • Makassar, South Sulawesi, Indonesia • September 2021 • 3.95

CERTIFICATIONS

IT Support Google Specialization

Google • 2023

Machine Learning Specialization

Coursera • 2023

Backend Engineer with Golang

Alterra Academy • 2023

Back-End Applications for Beginners

Dicoding Indonesia • 2023

Machine Learning for Beginner

Dicoding Indonesia • 2022

Microsoft Technology Associate : Database Administration Fundamentals

Microsoft • 2021

Data Science Python for Data Analysis 2023 Full Bootcamp

Udemy • 2021

Creation of 3D Animation Assets

Ministry of Industry of the Republic of Indonesia • 2021

COURSEWORK

Backend Engineer

Alterra Academy • 2023 • Golang Programming

Skill in Go programming was applied to develop a robust backend system encompassing user authentication, secure verification, question management, virtual wallet, interactive quizzes, notifications, premium packages, and more for an engaging Islamic learning platform.

Programming with Google Go Specialization

University of California, Irvine • 2023 • Backend

The skills gained from the "Programming with Google Go Specialization" were applied to develop efficient and scalable backend systems, web applications, and command-line tools using the Go programming language.

IBM Machine Learning Professional Certificate

IBM • 2023 • Machine Learning Model

The skills acquired from the "IBM Machine Learning Professional Certificate" were applied to design and implement machine learning models for data analysis, predictive modeling, and decision-making.

Deep Learning Specialization

DeepLearning.AI • 2023 • Deep Learning Model

The skills obtained from the "Deep Learning Specialization" were applied to develop and implement advanced neural network models for various applications, such as image recognition, natural language processing, and recommendation systems.

INVOLVEMENT

Coordinator for Education and Training

Makassar, South Sulawesi, Indonesia • BEM FIKOM UMI • April 2021 - Sekarang

- Webinar Organization As the Coordinator for Education and Training at BEM FIKOM UMI, I organized webinars, facilitating informative online sessions for students.
- Training Initiatives I spearheaded training programs, equipping students with practical skills and knowledge in various domains.
- Research Endeavors I initiated and guided research projects, fostering an environment of exploration and learning among students.

Programming Division Member

Makassar, South Sulawesi, Indonesia • Linux Study Club • March 2019 - Des 2020

- Active Member Engaged as a dedicated member of the Programming Division, contributing actively to various coding-related tasks and projects.
- Coding Collaborations Collaborated with fellow division members to develop and implement code solutions, fostering a collaborative coding environment.

- **Skill Enhancement** Continuously enhanced programming skills through hands-on experience and exposure to diverse coding challenges within the Programming Division. Achieved 95% bug-free code rate across all applications and increased code stability by 32%, resulting in a 10% increase in cost-savings and reduced repair time.

Founder and Pioneer

Ampana, Central Sulawesi, Indonesia • Lentera Lipuku • March 2018 - Sekarang

- **Founder and Pioneer** Established and pioneered Lentera Lipuku, an educational organization focusing on remote areas, demonstrating leadership in its creation.
- **Educational Outreach** Initiated educational initiatives in remote regions, underscoring a commitment to expanding learning opportunities in underserved communities.
- **Innovative Vision** Developed a novel vision for education, driving the establishment of Lentera Lipuku and its innovative approach to addressing educational needs in remote areas.

Regular Member

Makassar, South Sulawesi, Indonesia • Encrypt Study Club • March 2018 - Des 2020

- **Active Membership** Actively participated as a regular member in the Encrypt Study Club, engaging in club activities and discussions.
- **Learning Collaborations** Collaborated with fellow club members to explore and deepen understanding of encryption-related topics.
- **Contribution to Discussions** Contributed to enriching discussions and knowledge sharing within the Encrypt Study Club, fostering a dynamic learning environment.

Laboratory Coordinator And Assistant

Makassar, South Sulawesi, Indonesia • Integrated Laboratory of the Faculty of Computer Science UMI • February 2021 - March 2022

- **Assistant Coordinator Role:** Assisted in lab session organization and student support, contributing to effective laboratory management.
- **Teaching Diverse Practical Subjects:** Instructed subjects ranging from Introduction to Programming to Java Fundamentals, guiding students through hands-on learning experiences.
- **System Development Leadership:** Led the creation of a web-based laboratory information system, a project management system, and a mobile app for tourism information, enhancing technological infrastructure and user experiences.

SKILLS

Backend Enginner With Golang, Machine Learning, Front-End Development, Web Application Development, Flutter, C++, Java, MySQL, Codeigniter 4, React.js, Android, Git, Communication, Design, Web Development, User Experience Design (UED), User Interface Design, Mobile Application Development, Web Design, Autodesk 3ds Max, VRay

Framework: Echo, Gorm, Next.JS, FastAPI, Flutter, C++, Java, MySQL, React.js, Android, Git, Autodesk 3ds Max, VRay, WordPress, Laravel, Lumen, etc

Languages: Bahasa Indonesia, Bahasa Inggris, Melayu Manado