

Muhammad Bintang Ramadhan

Undergraduate Informatics Student at Politeknik Negeri Jakarta | Bangkit Academy 2024 batch 2 - Machine Learning Cohort

Jakarta, Indonesia

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I am a Machine Learning and Web Developer with a growing passion for applying AI to solve real-world problems. With a strong foundation in Python, data analysis, and full-stack development, I have built projects like attendance management systems and decision-making platforms. I am continually enhancing my skills through programs like Bangkit Academy and working on various innovative projects to deepen my knowledge and expertise.

Work Experience

September 2024 - Present

Machine Learning Cohort

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

- Participating in the Bangkit Academy program in the Machine Learning cohort, gaining valuable skills through courses provided by the Bangkit team, focusing on technical expertise and career preparation in the tech industry.

July 2024 - Present

Coding Tutor

PT Bangun Inovasi Teknologi (BIT House)

- Freelance coding tutor at BIT House, teaching fundamental programming to children. I focus on making coding fun and accessible, helping young learners develop problem-solving skills and a passion for technology through engaging lessons.

February 2024 - Present

Research Assistant

Politeknik Negeri Jakarta

- Developed and implemented research projects in computer science at Politeknik Negeri Jakarta, collaborating with a team to identify research topics, conduct investigations, and build resulting products.

June 2024 - September 2024

Full-stack Developer

Sekolah Alam Indonesia

- Developed a Full-stack website for Sekolah Alam Indonesia Attendance System. Tech Stack: Next JS, Tailwind CSS, Prisma ORM, PostgreSQL.

February 2024 - August 2024

Frontend Developer

Kompetisi Mahasiswa bidang Informatika Politeknik Nasional 2024

- Built the front-end of the KMIPN VI (National Polytechnic Informatics Student Competition) website using Next.js with TypeScript, Tailwind CSS, and Green Shock Animation Platform. The website included a landing page and a dashboard.

October 2023 - November 2023

Study Excursion Vice Project Officer

Politeknik Negeri Jakarta

- Led a team alongside the Project Officer to organize a successful study excursion for Informatics Engineering students at Jakarta State Polytechnic.

August 2020 - January
2022

Computer Science Tutor **SMAVO Science Club**

- Teach the members of SSC's Computer Science Division based on National Science Competition Syllabus.

January 2021 - December
2021

President **SMAVO Science Club**

- Led the SMAVO Science Club (SSC) during my senior year of high school. SSC is a large extracurricular program with nine divisions, including Mathematics, Physics, Biology, and more. The club focuses on preparing students for science competitions.

Education

2022 - 2026

Politeknik Negeri Jakarta **Informatics Engineering**

GPA : 3.85/4.00

2019 - 2022

SMAN 2 Cibinong **Nature Science**

GPA : 89/100

Certificates

- Machine Learning Specialization (DeepLearning.AI)
- Linear Algebra for Machine Learning and Data Science (DeepLearning.AI)
- Using Python for Interacting with the OS (Google)
- Crash Course on Python (Google)
- Google AI Essentials (Google)
- Belajar Analisis Data dengan Python (Dicoding)

Skills

- Machine Learning
- Tensorflow
- Python
- Data Analytics

Languages

- Indonesian — Native or Bilingual
- English — Intermediate