

MUHAMMAD KHAIRATUL

DATA SCIENTIST | BUSINESS ANALYST | WEB DEVELOPER ENTHUSIAST

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SUMMARY

Ratul is a passionate Information Systems student with a concentration in Data Science, and expertise in web design, UI/UX design, front-end development, and data analysis. He is dedicated to driving positive change in the digital environment through academic excellence and active community involvement. Ratul has a proven track record of leadership, responsibility, and collaboration, and thrives in diverse team settings. He is enthusiastic about applying practical solutions in digital technology, mentoring peers, and participating in social initiatives that promote environmental awareness.

EDUCATION

President University

Bachelor of Science in Computing, Information System

2023 - Present

GPA of 3.67 (out of 4.00)

ORGANIZATIONAL EXPERIENCE

UI/UX Web Development Intern

PT Rencana Sinergi Indonesia (Jan 2025 – April 2025 “Internship”)

- Designed and developed landing pages to enhance user experience (UX) and conversion rates.
- Optimized user interface (UI) design for better visual appeal and responsiveness across devices.
- Collaborated with the marketing team to improve digital strategy through data-driven design.

Media Center Member

Educana Community (Sep 2024 - May 2025 Institut Pertanian Bogor “IPB”)

- Designed media materials to support the community’s activities and campaigns.
- Created a profile video introducing the community, its environment, and its mission to the public.
- Developed visual concepts and managed multimedia projects to effectively communicate the community’s goals.

FGD 2024 and 2025, FPCI Chapter President University

Multimedia and Design Member (July 2024 - May 2025)

- Designed logos, brochures, posters, and other marketing materials.
- Worked closely with clients to align designs with their needs, ensuring satisfaction and effectiveness.
- Directed and edited official after-movie videos for FGD events.

PROJECT EXPERIENCE

Web Development Projects E-Commerce Websites (Bakery, Nasi Padang, Kafmilk | Nov 2023 - june 2024)

Tech Stack: HTML, CSS, JavaScript, PHP

- Designed and developed user-friendly e-commerce platforms tailored to specific brands.
- Implemented product catalogs, customer interaction features, and responsive UI/UX.

Student Performance Dashboard (May 2025)

Tech Stack: Python, Django, JavaScript

- Created interactive dashboards for grade prediction and academic analytics.
- Visualized machine learning results and tracked student behavior insights in real time.

Projectify – Project Portfolio Mobile App (Dec 2024 - Feb 2025)

Tech Stack: Flutter, Dart

- Developed a cross-platform mobile application for project management and digital portfolio creation.
- Enabled user collaboration and documentation through an intuitive interface.

Skill Gap Analysis Web Application (June - July 2025)

Internship and Career Center (ICC) Bureau at President University

Tech Stack: Python, TypeScript, React, Node.js, PostgreSQL, Machine Learning, Data Analysis, UI/UX Design

- Developed an automated ML system to analyze student-company skill alignment with 90% accuracy.
- Business Impact: Improved job placement success rate by identifying top-fit candidates.

COMPETENCIES

- Graphic Design, Data Analysis, Web Development, Data Scientist
- Technical Skills: Canva, Photoshop, Python, Excel, HTML, CSS, JavaScript, Java, Laravel, PHP
- Languages: English (B1 - Intermediate), Indonesian (III - Unggul)
- Certificate: Machine Learning Essentials for Business and Technical Decision Makers - AWS Training and Certification (April 2025), Machine Learning Learning Plan - AWS Training and Certification, Belajar Dasar AI, Belajar Dasar Data Science, Belajar Dasar Structured Query Language (SQL), Memulai Pemrograman dengan Python (Dicoding Indonesia),