

# Muhammad Shumin

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| <https://slushymint.github.io/My-Portfolio-Website/>

## PROFILE

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A results-driven data professional skilled in end-to-end data analysis. Proficient in leveraging the **Python** ecosystem, including **Pandas** for data manipulation, **NumPy** for numerical computation, and **Matplotlib/Seaborn** for creating impactful visualizations. Complemented by strong **SQL** querying abilities and structured **project management** skills, with experience in **web programming** to build interactive reporting dashboards.

## EDUCATION

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Universitas Bakrie, Jakarta

Aug 2024 – Jun 2028

Bachelor of Computer in Information System

GPA 3.84/4.00

Honors: Bakrie Gemilang Scholarship (2023)

## ACHIEVEMENTS

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**Best Student Class of 2024 in Programming and Algorithm Lab**, Jakarta

Dec 2024

Awarded for achieving the highest grade, demonstrating consistent excellence, and delivering the top-ranked final project among all lab participants.

**University-Sponsored IEEE Membership**, Jakarta

May 2025-Present

Chosen by Universitas Bakrie to receive a full student membership in the IEEE, sponsored by the university based on academic merit.

## PROJECTS

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**Machine Learning for Employee Retention Prediction**

Dec 2024

Developed a machine learning model to predict employee prediction retention and analysing.

**The Watcher for Home Security System**

Dec 2024

Developed a system to detect intruders by using OpenCV and utilizing a simple GUI.

**Ransomware Simulation**

Feb 2025

Developed a desktop application with Python and Tkinter to demonstrate the file encryption and decryption process of a ransomware attack.

**Portfolio Website**

July 2025

Built an interactive and responsive portfolio website using HTML, JavaScript, and Tailwind CSS.

## LANGUAGE AND SKILLS

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- Language: Bahasa Indonesia (Native), English (Fluent).
- Tools: Ms. Excel (Intermediate), Ms. Word (Proficient), Ms. PowerPoint (Proficient), Git (Intermediate), Github (Intermediate).
- Programming Language: Python (Intermediate), HTML (Intermediate), CSS (Intermediate), JavaScript (Intermediate), MySQL (Intermediate).
- Soft Skills: Effective problem solving and analytical skills, Strong communication and interpersonal skills, Teamwork and collaboration skills, Project management skills.
- Hard Skills: Skilled in data cleaning, analysis, and visualization using Python and Excel, with experience building interactive and responsive websites using HTML, JavaScript, and CSS.