SARAHWATI

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https://sarahwati-arch.github.io/PORTOFOLIO/

An Informatics student at President University with a concentration in Internet of Things, I have a strong foundation in programming, web development, data analysis, database management, and IoT systems. I am actively involved in various hands-on projects in the areas of IoT, AI, mobile development, and web development, and demonstrate practical problem-solving skills. I am a fast learner who is enthusiastic about exploring new technologies while developing leadership, teamwork, and communication skills through extracurricular activities.

EDUCATION

President University – *Bachelor's Degree in Informatics*   **2023 – Present**
GPA 3,80/ 4,00
75% Jababeka Scholarship Awardee

ORGANIZATIONAL EXPERIENCES

President University Student Board (PUSB)   **2023 - 2024**
Research and Development – Ministry of Self Development

- Conduct in-depth research related to the implementation of PUSB work programs and activities.
- Led research and evaluation for 12 major PUSB events, collecting feedback data from various stakeholders.
- Evaluate the effectiveness of activities based on the results of data analysis.
- Provide strategic recommendations for improving the quality and impact of future programs.

President University Major Association Informatics   **2024 - Present**
Vice Head of External Relation

- Support the Division Head in team management and ensure effective coordination across all external activities.
- Act as Supervisor for large-scale events such as Comparative Studies and Company Visits.
- Lead all phases of the event, from planning and logistical coordination to implementation and evaluation.

President University Developer Club   **2024 - Present**
Leader

- Lead the strategic direction of a technology-based club focused on front-end and back-end development, artificial intelligence (AI), and cybersecurity.
- Coordinate internal divisions to ensure synergy of activities and program sustainability.
- Oversee the planning and implementation of key programs, including technology panels, workshops, study jam sessions, and internal development projects.
- Mentor over 170 active members across grades and majors to foster capacity growth and cross-disciplinary collaboration.

Google Developer Student Club ITB   **2023 - 2024**
Web Development Member

- Participate in various learning activities such as workshops, study hours, technology discussions, and practice-based projects.
- Contribute to team problem-solving, creative idea development, and cross-disciplinary collaboration.
- Enhance personal capacity through exploration of cutting-edge technologies and collaboration on real-world projects.

VOLUNTEER EXPERIENCES

- **Exhibition LAM S2 IT President University Accreditation**   **July 2025**
  IoT Project Exhibitor
- **IoT Trainer of Presuniv x UNITAR University Lecturer Collaboration**   **May 2025**
  IoT Trainer

- **Company Visit and PUMA Informatics to CTI Group** — July 2025
  Supervisor
- **Company Visit PUSB to PT. Amerta Indah Otsuka** — July 2024
  Member PUSB
- **Seminar Collaboration BI – ID Cloud Community with PUDC** — July 2025
  Chaiperson PUDC
- **Elevate Informatics Festival 2025** — Jan – Sep 2025
  Project Manager
- **PR & Event Internship** — Oct 2023 – Apr 2024
  Website Manager, News Writer & Photographer
- **Comparative Study PUSB – Unhan RI** — Jan – Jul 2024
  Vice Project Manager
- **Social Project Digital Marketing & Personal Branding** — Jun – Jul 2024
  Event Organizer & Master of Ceremony

PROJECTS

- **IoT Box – PT. Mattel Indonesia**
- **Customer Churn Prediction – Lapis AI**
- **Heat Detector**
- **Automatic Door**
- **Robot Arm**
- **Traffic Light**
- **Joystick & Web-Controlled LED**
- **Joystick Controlled Car**
- **Autonomous Mobile Robot (AMR)**
- **Mathup Climber**
- **Pawcine**
- **Cupkiss**
- **Visar**
- **Stacato Studio**
- **SpaceBob**
- **Medibot**
- **SynCat**
- **To Do List**
- **QuizApp**

CERTIFICATES & COURSES

- **Getting Started with AWS IoT -** AWS Skill Builder — 2025
- **Introduction to IoT and Digital Transformation -** Cisco Networking Academy — 2025
- **CS50's Introduction to Artificial Intelligence with Python -** HarvardX — 2025
- **Workshop: Unleashing Creativity and Technology** — 2025
  President University x UNITAR International University Lecturer Collaboration
- **Workshop: Leveraging the Power of Machine Learning -** PUMA Computing — 2023
- **DevFest Bandung -** Google Developer Groups Bandung — Dec 2023
- **International Women's Day -** Google Developer Groups Bogor — April 2024
- **Digistar Connect Goes to BINUS -** Telkom Indonesia x GDSC — March 2024

SKILLS

Hard Skills: JavaScript, PHP, C++, Python, C Programming, Firebase, SQL, HTML, CSS, Canva, Microsoft Office.

Soft Skills: Leadership, Teamwork, Data Analysis, Public Speaking, Time Management, Problem Solving, Adaptive, Indonesian (Native), English (Beginner).