

Amanda Putri

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Summary

Informatics student with a passion for turning ideas into practical, creative tech solutions. Focused on blending design, innovation, and functionality to make a meaningful impact in every project.

Education

President University - Bekasi, Indonesia Sep 2023 - Present
Bachelor of Informatics

- Concentration: Internet of Things
- Current GPA: 3.82 / 4.00
- Organization: President University Major Association of The Informatics (2023 - 2024)

Work Experience

SetSail BizAccel - Bekasi, Indonesia Jan 2024 - May 2024
Website Developer Intern

- Designed and developed websites for student business tenants to enhance their digital presence
- Supported creative strategy in UX, branding, and content coordination
- Participated as a committee member for SetSail-hosted entrepreneurship and innovation events

SetSail BizAccel - Bekasi, Indonesia Oct 2024 - May 2025
PIC of Website Developer

- Mentored new interns on technical tasks and supported the website development pipelines
- Reviewed code for quality, consistency, and UI/UX effectiveness
- Helped organize and manage entrepreneurship and innovation events hosted by SetSail

Badan Riset dan Inovasi Nasional - Serpong, Indonesia Apr 2025 - May 2025
Research Intern

- Developed a water monitoring system using ESP32-CAM to detect color changes in biofloc water
- Implemented RTC-based timestamping for image timestamping and data collection
- Designed a functional camera casing in Tinkercad for prototype deployment

Project

Autonomous Mobile Robot for Obstacle & Fire Detection Feb 2025

- Designed a robot for obstacle and fire detection using ultrasonic sensors, fire sensors, PID control
- Programmed movement logic for pathfinding and hazard avoidance

Arduino Traffic Light System with 7-Segment Display Jan 2025 - Feb 2025

- Simulated real-world intersection logic using LEDs and countdown timers with shift registers, cycling through North-South and East-West green-yellow-red phases.

Volunteering

Economic Survival Class Business project Exhibition (Usher) May 2024

Assisted with guest directions, provided information to attendees, and ensured a welcoming and organized environment during the event.

PUMA IT x HIMATIF UNPAD Comparative Study (Documentation) Mar 2024

Person in charge of documenting the event through photos and videos. Created a recap videos to showcase the highlights experience.

Skills

- Languages: HTML, CSS, JavaScript, PHP, Java, SQL, C/C++ (Arduino)
- Tools: VS Code, Git, Android Studio, Canva, Arduino IDE, Blender
- Other: UI/UX Design, Video Editing, Photography, Team Collaboration, Technical Support