

# ARDIKA RAHMAD SEPTIAN

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Fresh graduate in Information Technology from the Faculty of Informatics with strong analytical and technical skills. Experienced in full stack web development using React and Node.js, system development, computer networking, and IoT-based solutions. Has hands-on experience through internships, research publications, and project management roles. Possesses good communication skills, adaptability, and the ability to collaborate effectively in academic and professional environments. Highly motivated to grow and contribute in the fields of software development, cybersecurity, and technology infrastructure.

## EDUCATION

### Telkom University

Sep 2022 - Jan 2026

*Bachelor of Information Technology, 3.48 / 4.00*

- Admitted to Telkom University through academic achievement.

## WORK EXPERIENCE

### Internship at the Department of Communication and Informatics of West Java Province

Jul 2025 - Aug 2025

- Developed an ESP32-CAM-based smart door lock system with face recognition for automated access control.
- Implemented and tested the system to ensure reliability and secure access in an office environment.

### Scientific Publication / Conference Paper

Mar - Oct 2026

*First Author and Presenter*

- Authored and presented a conference paper titled Ensemble Voting for Robust Model Predictive Control in a Greenhouse Smart Farming IoT.
- Applied ensemble voting methods to improve the reliability of Model Predictive Control (MPC) in IoT-based smart farming systems.
- Applied Focused on actuator control optimization, system stability, and operational efficiency in greenhouse environments

### Bimbel Rumah Sukses

Sep 2025 - Jan 2025

*Project Manager Intern (Capstone Project)*

- Managed the development of a registration system and landing page website for Rumah Sukses Foundation and tutoring center in Sorong.
- Coordinated team activities, planned project requirements, and managed project timelines to ensure timely delivery.

### PT Mabito Karya Indonesia, Bandung

Jan 2021 - Jun 2021

*IT Support Intern Internship*

- Performed laptop diagnostics, hardware and software repairs, operating system installation, and device performance optimization..
- Supported production and customer service activities, interacted directly with clients, and developed strong communication and problem-solving skills.

## CERTIFICATIONS & TRAINING

### Junior Network Administrator Certification — June 29, 2022

*Certified Junior Network Administrator*

- Competency certification covering network addressing design, installation, and basic network administration.

### Computer and Network Engineering Competency Certification (TKJ) — April 25, 2022

*Certified in Computer and Network Engineering (TKJ) — April 25, 2022*

- Covered network requirement analysis, topology and IP addressing design, wired and wireless network installation, switch configuration, routing within an Autonomous System, network security monitoring, and network device management.

### MikroTik Certified Network Associate (MTCNA) Exam — March 2022

*MTCNA Exam Participant*

- Demonstrated fundamental knowledge of MikroTik RouterOS configuration and network device management.

### Network Engineering Training Certification — June 2022

*Training Participant*

- Completed training in network topology design, IP addressing, wired and wireless network configuration, routing implementation, and basic network troubleshooting.

### Full Stack Web Development Bootcamp – IT Box Jun 2025

*Training Participant*

- Developed full stack web applications using React for frontend and Node.js for backend.
- Built RESTful APIs, implemented database integration, and applied basic authentication and application deployment concepts.

## ORGANIZATIONAL & VOLUNTEER EXPERIENCE

<b>Junior Academic Student Association — October–December 2023</b> 2023 <i>Staff, Academic Student Association</i> <ul style="list-style-type: none"><li>Assisted in organizing seminars, workshops, and academic events.</li></ul>	Oct 2023 - Des
<b>Logistics, Main UKM Event</b> <i>Logistics Staff</i> <ul style="list-style-type: none"><li>Managed event logistics, including equipment preparation, inventory, vendor coordination, and on-site supervision..</li></ul>	Jul 2024 - Des 2024
<b>Head of Communication and Information Division (Kominfo)</b> <i>Head Kominfo</i> <ul style="list-style-type: none"><li>Led event communication and publications to ensure clear information delivery and effective promotion.</li></ul>	Jan 2024 - Feb 2025
<b>Event Chair (Chief Organizer), UKM Seminar</b> <i>Chief Organizer</i> <ul style="list-style-type: none"><li>Led the planning and execution of an internal campus seminar, ensuring smooth event operations from preparation to evaluation.</li></ul>	May 2024 - Jun 2024
<b>UKM Cabinet – Communication and Information Division</b> <i>Member</i> <ul style="list-style-type: none"><li>Managed organizational communication, social media, content creation, and event documentation.</li></ul>	Jan 2024 - Des 2024

## SKILLS

**Certification:** [Certified Junior Network Administrator](#) ☒, [Certified in Computer and Network Engineering \(TKJ\)](#) ☒, MikroTik Certified Network Associate (MTCNA) – Exam Participant Future Learn, Network Engineering Training Certification, Full Stack Web Development Bootcamp (IT Box).

**Technical Skills:** Full Stack Web Development (React.js, [Node.js](#)), RESTful API Development, Backend Development ([Express.js](#)), Database Design & CRUD Operations (MySQL / MongoDB – basic), Computer Networking (TCP/IP, IP Addressing, Routing & Switching), MikroTik RouterOS (basic), Network Troubleshooting, IoT System Development (ESP32, ESP32-CAM), Face Recognition Implementation, System Testing & Deployment

**Software:** Figma, Visual Studio Code, Git & GitHub, Postman, MikroTik RouterOS, Cisco Packet Tracer, Microsoft Office

**Soft Skills:** Communication Skills, Teamwork & Collaboration, Problem Solving, Analytical Thinking, Leadership, Time Management, Adaptability, Public Speaking

**Language:** Bahasa (Native), English (Middle Level).