

# REYNALDY MARCHELL BAGAS ADJI

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Motivated and dedicated third-year student at BINUS University pursuing a Bachelor's degree in Computer Science with a specialization in Internet of Things and full-stack web development. Possessing a strong foundation in both front-end and back-end technologies, along with a passion for creating innovative and user-friendly web applications. Eager to leverage academic knowledge and practical skills to contribute effectively in a dynamic team environment.

## Education Level

### Universitas Bina Nusantara - Indonesia

Jun 2022 - Jul 2026 (Expected)

*Bachelor Degree in Computer Science, 3.59/4.00*

- Specialization: Internet of Things (IoT) , Web Development
- Relevant Coursework: Artificial Intelligence, Algorithm and Programming, Data Structures, Human and Computer Interaction, Scientific Computing, Algorithm Design and Analysis, Computer Networks, Computational Biology, Embedded System, Cyber Security in Internet of Things, Database Technology, Software Engineering, Mobile Programming, Object Oriented Programming

### Chung Yuan Christian University - Taiwan

Feb 2023 - Jun 2023

*Virtual study abroad program - Industrial and Systems Engineering, 75.00/100.00*

- Techstack, tools and Knowledge: Mixed Integer Programming, LaTeX, Linear Programming, GAMS

## Work Experiences

### Binus University - Bandung, Indonesia

Jan 2024 - Present

*Research Assistant*

- Conducting research on effectiveness of utilizing different types of water for urban farming.
- Designing a schematic for the IoT device prototype.
- Developing a web-based dashboard for monitoring IoT device.
- Engaged in close collaboration with my team, ensuring seamless integration of both hardware and software.

### Binus University - Bandung, Indonesia

Sep 2023 - Present

*Freshmen Partner*

- Offer support and guidance to students encountering academic difficulties.
- Provide assistance to new students in navigating university life.

## Organisational Experience

### Bina Nusantara Computer Club - Bandung

Sep 2023 - Present

*Research and Development Staff*

- Introducing the fundamentals of JavaScript to new activists.
- Teach fellow activist about workflow at RnD team.

### Bina Nusantara Computer Club - Bandung

Nov 2022 - Sep 2023

*Research and Development Activist*

- Understand the standardization that applies to products developed by this organization.
- Work together in a team to complete the project.
- Completing the regeneration period of RnD team.

## Skills, Achievements & Other Experience

- **Projects** 🕒 (2024): Breath (web-based social media platform)
- **Projects** 🕒 (2023): GVC (Gesture Volume Control) is a Python-based application that allows users to control the volume of their computer using hand gestures.
- **Soft Skills:** Teamwork and Colaboration, Communication, Eager to learn, Analytical Thinking, High Curiosity.
- **Hard Skills:** TypeScript, JavaScript, React.js, Next.js, Node.js, Express.js, Tailwind CSS, C/C++, Git/GitHub, HTML, CSS, MongoDB, MySQL, Postman.