



REYNALDY MARCHELL BAGAS ADJI

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Currently a 5th-semester Computer Science student specializing in IoT and Web Development, I have gained hands-on experience as a Research Assistant at BINUS University, working on IoT projects and web-based dashboards. My academic journey includes a virtual study abroad program at Chung Yuan Christian University, focusing on Industrial and Systems Engineering. As a member of BNCC Bandung, I've contributed to full-stack web development projects and have a strong interest in interface design, user experience, and the latest web technologies. I am eager to collaborate on innovative projects and further develop my skills in the tech industry.

Education Level

BINUS University - Indonesia <i>Bachelor Degree in Computer Science, 3.64/4.00</i>	Jun 2022 - Jul 2026 (Expected)
<ul style="list-style-type: none">Specialization: Internet of Things (IoT) , Web DevelopmentRelevant 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 <i>Virtual study abroad program - Industrial and Systems Engineering, 75.00/100.00</i>	Feb 2023 - Jun 2023

Work Experiences

Binus University - Bandung, Indonesia <i>Research Assistant</i> Skills: Arduino IDE, C++, PHP, MySQL, Embeded System, fritzing. <ul style="list-style-type: none">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.	Jan 2024 - Present
Bina Nusantara Computer Club - Bandung, Indonesia <i>Research and Development Staff</i> Skills: Tailwind CSS , MongoDB, TypeScript, Next.js, Vercel. <ul style="list-style-type: none">Introducing fundamentals of JavaScript to new activists.Teach fellow activist about workflow at RnD team.Manage and update BNCC Bandung Region landing page.Manage and update BNCC Bandung Region election platform.	Sep 2023 - Present
Binus University - Bandung, Indonesia <i>Freshmen Partner</i> <ul style="list-style-type: none">Offer support and guidance to students encountering academic difficulties.Provide assistance to new students in navigating university life.	Sep 2023 - Jul 2024
Bina Nusantara Computer Club - Bandung, Indonesia <i>Research and Development Activist</i> Skills: Node.js , React.js, Express.js, JavaScript, SQL, Git/GitHub . <ul style="list-style-type: none">Learning the standardization that applies to products developed by this organization.Working together in a team to complete the project.Completing regeneration period of RnD team.	Nov 2022 - Sep 2023

Skills, Achievements & Other Experience

- Projects** (2024): Breath (web-based social media platform)
- Projects** (2024): Crypt (Building a website for sending Ethereum to other Trust Wallet users)
- Projects** (2023): GVC (Gesture Volume Control) is a Python-based application that allows users to control the volume of their computer using hand gestures)
- Hard Skills:** TypeScript, JavaScript, JAVA, React.js, Next.js, Node.js, Express.js, Tailwind CSS, C/C++, Git/GitHub, HTML, CSS,

MongoDB, MySQL, Postman, Android, Arduino, Unity.

- **Soft Skills:** Teamwork and Colaboration, Communication, Eager to learn, Analytical Thinking, High Curiosity.
- **Achievements** (2023): The 2023 ICPC Asia Jakarta - Indonesia National Contest, rank: 32, Ranked, Thirty-second Place