

# CHRISTOPHER HARDY GUNAWAN

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## SUMMARY

Aspiring Software Engineer and 2nd-year **Computer Science** student at Binus University (3.96/4.00 GPA). Skilled in AI, web development, and blockchain, with a passion for teaching and social impact. Developed award-winning projects, including AI-powered smart glasses and an NFT ticket platform, demonstrating innovation and technical proficiency. Seeking a software engineering position to apply skills in React, Python, and cloud technologies while contributing to cutting-edge solutions.

## EDUCATION

### BINA NUSANTARA UNIVERSITY

Tangerang, Indonesia

#### Bachelor of Computer Science

(August 2023 - Present)

- Achieved a **3.96/4.00** GPA, ranking in the top percentile, specializing in Artificial Intelligence and Software Engineering.
- Won **3 IT competitions in national stages**, showcasing problem-solving skills, by developing innovative prototypes.
- Selected to be part of the Bina Nusantara University Scholarship Awardee, competing with more than 400 potential candidates.

### SMK PENABUR KOTA TANGERANG

Tangerang, Indonesia

#### Natural Science Major

(July 2020 – May 2023)

- Graduated with an average score **92.8 out of 100**.
- Placed **Top 13<sup>th</sup> rank** in overall academic studies.

## WORK EXPERIENCES

### BINA NUSANTARA UNIVERSITY

Tangerang, Indonesia

#### Software Lab Center BINUS Alam Sutera

Full-Time Assistant

(Aug 2024 – Now)

- Instructed and mentored 179 undergraduate students in weekly lab sessions across 4 diverse software domains, including AI (Computer Vision), Data Mining (R, RapidMiner), Web Development (ASP.NET, HTML/CSS/JS), and Database Systems (SQL).
- Achieved an excellent KPI 5.56 out of 6.00 and more than 98% survey satisfaction from students.

#### Software Lab Center BINUS Alam Sutera

Part-Time Assistant

(Feb 2024 – Aug 2024)

- Responsible for teaching 4 classes, 104 students per week with the materials of Pattern Software Design using ASP.NET Framework and Introduction to Database System with SQL.
- Trained in time management, meeting 100% of deadlines, by organizing lab schedules and materials, and achieved more than 97% satisfaction rate from students.

## PROJECTS

### Glamulus

Smart AI Inclusive Glasses | 2nd Place, elevAlte Hackathon by Microsoft Indonesia

(June 2025 – Now)

- Pioneered the team's strategic pivot from a simple web application to an innovative smart glasses solution, creating a more direct and impactful tool for more than 900.000 deaf people in Indonesia.
- Engineered and trained an AI model to translate Indonesian Sign Language into real-time text, achieving 84,5% accuracy for BISINDO and on test datasets, by implementing advanced computer vision algorithms and optimizing model performance for resource-constrained hardware.

### Medley

Web3 Blockchain NFT Ticket Platform | 1st Place, ICP Hackathon 12

(Mar 2025 – Apr 2025)

- Architected and developed the core blockchain engine for the platform on the Internet Computer Protocol (ICP), designed to eliminate ticket fraud and scalping with only 2000 line of codes.

- Built the secure, on-chain transaction service for ticket purchasing by integrating the ICRC-1 payment token standard, ensuring robust and transparent sales.

### **AiSee**

*Smart AI Classroom Monitoring | Top 80 semifinalist teams SIC Batch 6*

**(Jan 2025 – Apr 2025)**

- Developed and integrated a facial recognition system to automate classroom attendance, ensuring accurate, real-time tracking of student presence and eliminating manual checks.
- Engineered a cheating detection module using YOLO object detection to identify prohibited items in real-time, bolstering academic integrity during examinations.
- Architected the full system, integrating Firebase for user data management and Cloudinary for image dataset storage to create a comprehensive and scalable AI-powered classroom solution.

### **Aible**

*Accessibility in Inclusivity | 3rd Place, BINUS x Microsoft Indonesia Hackathon*

**(May 2024 – Jun 2024)**

- Co-developed a Laravel/Azure web platform, securing 3rd Place in BINUS x Microsoft Hackathon, by integrating AI tools like speech-to-text for accessibility.
- Demonstrated rapid prototyping and effective collaboration in a competitive hackathon environment, leveraging a major cloud platform (Azure) to build an award-winning solution.

### **OceanPals**

*Beach Combing Initiator | Participant GEMASTIK 2024 by Kemdikbud*

**(May 2024 – Jun 2024)**

- Led the sole end-to-end technical development of a full-stack web application designed to incentivize beach cleanup through a gamified rewards system for 1 week.
- Engineered the complete frontend using React and Tailwind CSS to create a responsive and modern user interface and implemented backend infrastructure using Firebase.

## **ACHIEVEMENTS**

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- 2<sup>nd</sup> Winner of ElevAlte Hackathon by Biji-Biji Initiative x Microsoft 2025.
- 1<sup>st</sup> Winner of ICP Hackathon 12 by Codefest 2025.
- Top 80 Semifinalist Teams Samsung Innovation Campus Batch 6 2025.
- 3<sup>rd</sup> Winner of Hackathon BINUS University x Microsoft : AI for Accessibility 2024.
- 1<sup>st</sup> Winner of Tarumanegara University for Scientific Paper Competition 2022.
- 1<sup>st</sup> Winner of Universitas Negeri Jakarta INTEREST Competition for MonsoonSIM Business Simulation Competition Highschool Category 2023.
- 1<sup>st</sup> Winner of Mozaic BPK PENABUR Bintaro Jaya Cup for MonsoonSIM Business Simulation Competition 2022.
- Top 10 Finalist BPK PENABUR Jakarta Scientific Paper Competition 2022.

## **ORGANIZATIONAL EXPERIENCES**

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### **UREEKA**

*Member*

**(Apr 2024 – Now)**

- Received intensive, coach-led training in key technology stacks, including Frontend Development (React), Backend Development (Laravel), and UI/UX Design (Figma).
- Represented the organization in prestigious national technology competitions, including GEMASTIK 2024 by Kemdikbud and the Bina Nusantara University x Microsoft AI Hackathon.

## **SKILLS, CERTIFICATIONS, AND OTHERS**

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**Technical skills:** React, Next.JS, Svelte, Go, Kotlin, C, C#, Java, T-SQL, SSMS, HTML5, CSS, JavaScript, Python, Linux Ubuntu, PHP, Laravel.

**Interpersonal skills:** Communication, Leadership, Teamwork, Problem Solver, Time Management, Analytical Thinking, Relationship Management, Tech Savvy, Decision-Making Skills, Empathy, Adaptability.

**Certifications:** Microsoft Certified: AI 900 Azure AI Fundamentals Instructor, Microsoft Certified: Azure AI Fundamentals, ASEAN Data Science Explorers 2024 Enablement Session Participant, Microsoft Office Certified.

**Interests:** Coding, Teaching, Learning, Sports Activities, Travelling, Gaming, Creative Design.

**Languages:** English (Full Professional Proficiency), Bahasa Indonesia (Native).