

# OKKY SUDIBYO RADES

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## EDUCATION

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### **BINUS University**

2023 – now

*School of Computer Science, Computer Science*

GPA 3.9 of 4.00

## PROJECTS

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### **Cateringz Restaurant Website**

- College Personal Project about a fancy restaurant website that displays their menu, testimonies, and about page. The website is made using HTML, CSS, JavaScript.

### **SigmaChord AI Instrument Chord Detector**

- College Team Project about a chord detection web app that uses AI to identify chords from wav files. It uses a LSTM model trained on the CQT Chroma of guitar chords on the C major scale. The app is built using the streamlit python library.

### **BinusCanteen**

- College Team Project about a fullstack BINUS canteen food application using React Native and Android Studio for its frontend, Express JS for its backend, and AWS RDS for its database, and AWS S3 for its storage system.

### **Conference Paper Accepted – ICOBAR 2025 & Springer (Scopus-indexed)**

- Co-authored a research paper on rice leaf disease classification using Optuna-optimized deep learning models (ResNet, VGG). Accepted with revisions for Springer publication and presentation at ICOBAR 2025.

## ORGANIZATIONS

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### **HIMTI BINUS**

2024 - now

*Vice Manager of Academic Events*

- Plan and supervise academic events including HIMTI WEBINAR x BCA 2025, HIMTI WORKSHOP x NVIDIA 2025, then upcoming HIMTI Company Visit 1 & 2, HIMTI Talkshow 2025, and HIMTI PKM.

### **Pagepals**

2023 - now

*Co Founder*

- Page Pals is an online community media platform that champions the power of literacy and youth engagement. Our mission is to cultivate a vibrant literacy culture by leveraging social media to inspire, educate, and empower young people—by youth, for youth, and with youth.

## LEADERSHIP ACTIVITIES

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### **HIMTI Webinar 2024 x BCA**

2024

*General Secretary*

- As a General Secretary, had responsibility to make the proposal of the event, event accountability report, and article about the webinar.
- Assist the chairman to oversee committee performance, timeline achievement, and schedule the committee's internal coordination meeting.

### **First Year Program BINUS University**

2024

*Freshmen Leader & Freshmen Partner*

- Helps Freshmen at Binus University to adapt and know their new campus environment. We as Freshmen Leader guides Freshmen during the Orientation and Transition Program (OTP), Week of Welcoming (WoW), Academic Experience (AE), and during the inauguration event.
- Facilitate Freshmen at Binus University by giving them various soft skills that are needed such as time management, communication skills, etc throughout the First Year Program from BINUS University.

LANGUAGES AND SKILLS

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- Bahasa Indonesia (Native), English (CEFR Level C1)
- C Programming Language, Python, Java, HTML, CSS, JavaScript, SQL

CERTIFICATIONS

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|---|----------------|
| • Fundamentals of Deep Learning                           | NVIDIA         |
| • IELTS Academic Band 7 (CEFR Level C1)                   | IELTS Official |
| • Data Classification and Summarization Using IBM Granite | IBM            |