

Jonathan Carlo

Tangerang, Banten | [LinkedIn](#) | [GitHub](#) | +62-811-883-515-1 | jonathancarlo20@gmail.com

EDUCATION

Bina Nusantara University – Tangerang, Banten

Expected September 2027

School of Computer Science - Bachelor of Computer Science

GPA : 3.91/4.00

Concentrations: Intelligent Systems

Honors : Head of Technic, BINUS TV Club (2024–2025)

Relevant Coursework : Machine Learning; Natural Language Processing; Speech Recognition; Software Engineering; Artificial Intelligence; Database Technology; Algorithm Design and Analysis

PROFESSIONAL EXPERIENCE

Bina Nusantara University - Camera Assistant Binus Inauguration 2024

September 2024

- Accomplished smooth camera operations during the Binus Inauguration 2024 event with minimal technical interruptions, by assisting with camera setup, operation, and live adjustments throughout the program.
- Contributed to the successful documentation of a high-attendance event (10,000+ new students) as measured by full coverage of all main agenda segments, by coordinating closely with the lead cameraman to capture key stage and audience moments.

LEADERSHIP EXPERIENCE

BINUS TV Club – Head of Technical Department

February 2024 - Present

- Led technical operations for over 10+ student-led productions and events as measured by successful technical execution and positive feedback, by assisting and supervising the usage and maintenance of video, audio, and broadcasting equipment of BINUS TV.
- Ensured smooth execution of live event productions and shoots at BINUS University as measured by minimal technical disruptions and successful multi-camera coverage, by managing audio-visual systems and coordinating with crew from various departments during live events and shoots.
- Helped elevate BINUS TV Club's organizational performance as measured by improved skill levels and production quality among junior members, actively training over 250+ members in broadcasting, equipment handling, and live production techniques by keeping a culture of technical excellence and teamwork in a healthy working environment.

PROJECTS

CineSpark AI – [Website](#) – [Source Code](#)

ReactJS | PostgreSQL | LangGraph

- AI-powered pre-production assistant designed to revolutionize the way filmmakers plan, visualize, and bring their stories to life, with integrated payment system.
- Utilized PostgreSQL for database storage, ReactJS for the user interface, Paddle for payment system, and LangGraph with FastAPI for RESTful API backend

VISPA – [Website](#) – [Source Code](#)

NextJS | PostgreSQL | Flask

- VISPA is an interactive sign language learning platform designed to help users learn sign language through a combination of video lessons, interactive quizzes, and real-time sign detection
- Utilized PostgreSQL for database storage, NextJS for the user interface, and model trained using scikit-learn with Flask for RESTful API backend

TemuBicara – [Website](#) – [Source Code](#)

ReactJS | PostgreSQL

- A platform that connects speakers with event organizers while providing a secure and transparent payment system to empower lesser-known voices.
- Utilized PostgreSQL for database storage and ReactJS for the user interface, made in less than 30 hours for GarudaHacks 6.0 Hackathon.

SKILLS

- Languages:** JavaScript, Python, SQL, HTML, CSS, TypeScript, C
- Developer Tools:** Git, Docker, Supabase, VSCode, Vercel,
- Libraries/Frameworks:** ReactJS, NextJS, PostgreSQL, Flask, FastAPI, Pandas, Scikit-learn, TensorFlow, LangGraph
- Native Indonesian Speaker; Fluent in English
- Experienced in managing live productions and shoots using professional-grade broadcast equipment and software (VMIX, OBS, Premiere Pro)