Bonifacius Christopher

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EXPERIENCE

Research & Development Intern | Nissho Kogyo Co., Ltd *(Fukuoka, Japan)*   Jul 2024 - Sep 2024

• Developed and pitched a barrier system projected to cut unauthorized vehicle entry into TransJakarta bus lanes by 95%.
• Conducted interviews with 20 bus drivers to identify issues, shaping a solution that improved bus schedule adherence by 70% during simulation.
• Led a 7-member team to deliver a product concept enhancing peak-hour efficiency and pitched final concept to company executives.

Product Manager | Apple Developer Academy@BINUS *(Banten, Indonesia)*   Sep 2023 - Dec 2023

• Utilized Jira to manage timelines, achieving 80% feature completion per phase.
• Delivered key project milestones and overcoming workforce deficit by reallocating tasks and prioritizing features.
• Improved user engagement by integrating feedback from playtesting sessions into the final product.
• Achieved 100% project MVP despite staffing challenges

iOS Developer Intern | Apple Developer Academy@BINUS *(Banten, Indonesia)*   Mar 2023 - Aug 2023

• Contributed to six diverse app development projects, collaborating with different teams each time.
• Designed and implemented features using Swift, including UI/UX components, Firebase integration, AR functionality with ARKit, and gameplay mechanics with SpriteKit.
• Conducted user research and field surveys to inform user-focused design improvements and functional solutions.
• Integrated IoT features with Arduino, enabling real-time monitoring and automation for smart devices.

E-Commerce Business Owner | gunn's *(Jakarta, Indonesia)*   May 2020 - Jan 2025
gunn's is a personal business built as a hobby, involving the trade of Virtual Goods.
• Built and scaled an online virtual goods trading business, doubling the customer base yearly to 3000+ clients.
• Automated pricing system using Steam API, .json, and real-time currency rates, improving efficiency by 50%.
• Generated 400+ million rupiahs in revenue with a 15% increase in profit margins through strategic trading and sales.
• Developed coding skills, particularly in Python, and enhanced proficiency in Excel.
• Managed sales in major E-Commerce platforms such as Itemku, Tokopedia and Shopee.

Capstone Project - Binus ASO School of Engineering   Aug 2022 - Dec 2022
Clearance Sensor for Automobiles - Capstone Project
• Led the development of a clearance sensor for automotive applications, demonstrating hands-on expertise in project management and technical execution.
• Successfully managed the entire project lifecycle, ensuring effective coordination among team members and adherence to project timelines.
• Designed, built, and implemented a clearance sensor solution for both cars and trucks, showcasing a deep understanding of automotive engineering principles.
• Personally coded and programmed the clearance sensor using Arduino, highlighting proficiency in embedded systems and coding languages.
• Conducted rigorous testing and troubleshooting to guarantee the accuracy and reliability of the sensor in various conditions.

EDUCATION
Binus ASO School of Engineering   Jul 2020 - Nov 2024
Bachelor of Science *(Sarjana Teknik)*

CERTIFICATIONS
Google Project Management: Professional Certificate

HARD SKILLS
Swift, Python, Arduino (C/C++), JSON, Firebase, ARKit, SpriteKit, Jira, Excel, Agile Methodologies, E-Commerce

SOFT SKILLS
Team Collaboraion, Communication, Problem Solving, Creative Thinking

LANGUAGES
English (Native), Indonesian (Native), Mandarin Chinese (Intermediate)