SANDHI KARUNIA SUGIHARTANA

Bogor, Indonesia | Phone: +62 878-1932-6417 | Email: sandhi372@gmail.com

LinkedIn: https://linkedin.com/in/sandhi-karunia-sugihartana | GitHub: https://github.com/Lowl16

SUMMARY

An organized and self-motivated person with a vision to collaborate on ideas, infusing them with attention to detail and creativity. Having a strong interest in the world of technology, particularly programming and other IT-related areas. Possessing the courage to make decisions and to deal with the challenges in order to achieve his objectives.

WORK EXPERIENCE

Bangkit Academy 2023 Batch 2 – Bandung. Indonesia
Mobile Development Cohort (August 2023 – January 2024)

- Designed the UI/UX for Android applications using Figma, based on Material Design guidelines, to ensure a responsive and user-friendly interface.
- Architected the Android application process using MVVM, implementing LiveData, Room Database, Repository, and Retrofit library.
- Developed an Android application using Kotlin and XML as a capstone project, identifying a real-world problem and deploying the solution; achieved top 50 out of 639 projects.

The 15th Enfution Diponegoro University – Semarang, Indonesia
Freelance Web Developer (April 2023 – October 2023)

- Developed and maintained web applications using React.js, Tailwind CSS, Laravel, and MySQL, ensuring a responsive and user-friendly interface.
- Deployed and configured server hosting through cPanel, ensuring optimal performance and security.
- Advised the organizers on improving the business model, design, and process flow of the website, enhancing overall user experience and efficiency.

PT Nusa Tekno Global – Jakarta, Indonesia
Full Stack Web Developer Intern (December 2022 – January 2023)

- Developed and maintained web applications using Vue.js for the frontend, Laravel for the backend and API integrations, and PostgreSQL for the database management and optimization.
- Participated in code reviews and contributed to debugging and troubleshooting efforts.
- Worked with senior developers to gain hands-on experience in agile development methodology and demonstrated strong problem-solving skills and attention to detail in tasks.

EDUCATION

Politeknik Negeri Jakarta (2021 – 2025)
Bachelor of Applied Science in Engineering – Current GPA 3.89 (100 Credits)

SMA Plus PGRI Cibinong (2018 - 2021)
High School Diploma

ORGANIZATION EXPERIENCE

Computer Student Club Politeknik Negeri Jakarta (2022)
Member of Cyber Security Division

- Engaged in continuous learning and implementation of cybersecurity practices and IoT (Internet of Things) technologies.

Kopasus IT SMA Plus PGRI Cibinong (2020 – 2021)
Vice Leader

- Assisted the Leader in planning and organizing IT-related activities, projects, and events.
- Actively participated in decision-making processes and provided valuable input for the organization's strategic direction.
- Mentored and guided team members, fostering a collaborative and supportive environment.

Kopasus IT SMA Plus PGRI Cibinong (2018 – 2020)
Member of Computer and Network Engineering Division

- Involved in the maintenance and repair of computer hardware, software, and network, such as assembling, installing, configuring, and troubleshooting components.
- Assisted in managing and maintaining the computer laboratory, ensuring the availability of necessary devices and software.

CERTIFICATION

Dicoding Indonesia (2023)
Bangkit Academy 2023 Batch 2 – Mobile Development Cohort

- Learning to Create Android Apps with Jetpack Compose
- Learning Intermediate Android Application Development)
- Learning SOLID Programming Principles
- Learning Android Application Fundamentals
- Learning to Create Android Apps for Beginners
- Learning Basic Git with GitHub
- Starting Basic Programming to Become a Software Developer
- Starting Programming with Kotlin
- Introduction to Programming Logic

Coursera (2022)
Baparekraf Digital Talent 2022 Batch 2 – IT Support Google Professional

- System Administration and IT Infrastructure Services
- IT Support Google Specialization
- IT Security: Defense against the Digital Dark Arts
- The Bits and Bytes of Computer Networking
- Operating Systems and You: Becoming a Power User
- Technical Support Fundamentals

SKILLS

- Programming Languages: Java, C++, Python, and Visual Basic (VB).
- Web Development: HTML, CSS (Bootstrap, Tailwind CSS), JavaScript (React.js, Vue.js), CodeIgniter, and Laravel.
- Android Development: Kotlin, XML, and Jetpack Compose
- Database: MySQL, Oracle, and PostgreSQL.
- Version Control: Experienced in using Git and familiar with GitHub and Gitlab for code versioning and collaboration.
- Communication: Excellent verbal and written communication skills both in English and Indonesian, enabling effective collaboration and clear project documentation.