ANDRES FREIXA SUMIHE

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SUMMARY

IT Specialist with over 5 years of software engineering experience, currently managing critical financial infrastructure at **BCA (Bank Central Asia)**. Specialized in full-stack development and API integration for **SWIFT** banking systems. Proven track record in migrating legacy systems, optimizing server performance, and developing secure, scalable applications using Java, Next.js, and Python. Adept at bridging the gap between complex backend logic and user-friendly frontend interfaces.

EXPERIENCE

IT Specialist
PT Bank Central Asia Tbk - Full Time Oct 2022 – Present, Jakarta, ID

- Fullstack development for SWIFT (Society for Worldwide Interbank Financial Telecommunication) related project
- Maintain SWIFT related applications. Execute server maintenance including updates, configuration management, and rigorous support testing to ensure high availability.
- Develop duplicate detection app for SWIFT messages.
- Develop API Gateway to connect internal system to SWIFT API.

Fullstack Developer and Contributor
Arisan Security Salatiga – Community Member Jul 2019 – Present, ID

- Contributing as an active member; write and review blog article for blog.arisansecurity.id
- Working on web (arisansecurity.id) and maintenance (since 2021)
- Manage testing, bugs fixing, and deployment to netlify.

Application Developer
PT. Skala Teknologi Nusantara – Part Time Jul 2021 – Des 2025, ID

- Develop Patient lifestyle tracker and monitoring for Pusat Jantung Nasional Harapan Kita (Harkit I-Care)
- Develop Harkit I-Care app using Flutter, Ghost API and Firebase.
- Manage testing, bugs fixing, and deployment to playstore.

Quality Assurance Analyst
Alfamart Head Office – Internsip Jan 2022 – Aug 2022, Tangerang, ID

- Spearheaded the migration of corporate-scale applications from VB.NET to Python (Flask), enhancing system modernizability.
- Developing test plans, test cases, test scripts, and test reports on Alfamart Property and Development System (PDS) Application and Building Maintenance Technical Support Application.
- Work closely with other developers to debug and testing form.

Mobile Developer
Marikh Salatiga – Internship Sep 2021 – Des 2021, ID

- Develop TaniPintar application. application of agricultural land allocation to help farmers manage land and make it easier for farmers to obtain information related to commodities and harvest amounts from other farmers in a farmer group
- Build API Service for TaniPintar using Next.js (Serverless) and deploy to Oracle Cloud.
- Orchestrated end-to-end testing, bug resolution, and successful deployment to the Google Play Store.

Satya Wacana Christian University
Assistant Lecturer of Discrete Mathematics Course Sep 2019 – Dec 2019

- Taught in practical classes with material such as Boolean Algebra, Karnaugh Map and Logic Gate.

Assistant Lecturer of Programming Course Jan 2020 – Apr 2020

- Taught in practical classes with material such as looping, condition, data type in C, C++ and Java.

Assistant Lecturer of Introduction to Informatics Engineering Course Sep 2020 – Dec 2020

- Taught in practical classes with material such as what is Informatics field and basic knowledge about IT field.

Assistant Lecturer of Human and Computer Interaction Course Sep 2020 – Dec 2020

- Taught in practical classes with material such as design with Figma and slicing into HTML using bootstrap.

Assistant Lecturer of Network Technology Course Jan 2021 – Apr 2021

- Taught in practical classes with subjects related to computer networking, router simulation and how to setup a simple server.

EDUCATION

SATYA WACANA CHRISTIAN UNIVERSITY Salatiga, ID
Bachelor of Informatics Engineering; 2022
Cumulative GPA: 3.7

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, Dart, PHP.
Known Tools: GNS 3, Virtual Machines (VMware, VirtualBox), Git, Google Cloud Paltform, Servers (Windows, Linux), Visual Studio Code, Android Studio.
Known Frameworks: Flutter, React Native, Laravel, Flask, Next.js

INVOLVEMENT

Chief Executive of Arisan Security Salatiga Apr 2025 – Present
- Directed team operations and managed organizational resources effectively.
- Organize team to maintain our NPO.
- Most of my work is fullstack development for Arisan Security Salatiga.

Chief Executive of Himpunan Mahasiswa Program studi S1 Teknik Informatika (HMP S1 TI) Jan 2021 – Dec 2021
- Leading student associations, compiling and running work program.
- In collaboration with Informatics Engineering Department for manage event and activity such as webinar, workshop or competition

Chief Executive of Kelompok Bakat Minat NETSOUL (KBM NETSOUL) Aug 2019 – Dec 2020
- Leading Talent Group and responsible to Senat Mahasiswa Fakultas.
- Manage event and weekly gathering for learning about Networking and Ethical Hacker