Angga Rianto Sudrajat

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PROFESSIONAL SUMMARY

Informatics student with a solid foundation in IT Support, currently transitioning into Software Engineering and Machine Learning. Passionate about developing full-stack web applications using **Next.js, and FastAPI**. Dedicated to integrating AI models into practical applications, demonstrated through personal projects involving Spotify data analysis and MBTI classification. Dedicated to writing clean code and solving complex problems through data-driven insights.

KEY PROJECTS

Personalify (Spotify Analytics Dashboard) ⟳ ⌂   2025 - Present
- **Tech Stack:** Next.js, Tailwind CSS, Python (FastAPI), PostgreSQL, MongoDB, Redis, Docker, Hugging Face Transformers.
- Leveraged **FastAPI** to retrieve and store Spotify top data across a distributed system using **PostgreSQL FDW**, **Redis** sharding, and **MongoDB**.
- Integrated **Transformers (NLP)** and **FastAPI** for sentiment analysis on song lyrics and Genius API data.
- Transitioned frontend architecture from vanilla JS to Next.js for better performance and scalability.

Sentimind (AI-Powered MBTI Profiler) ⟳ ⌂   2025 - Present
- **Tech Stack:** Next.js, Tailwind CSS, Python (FastAPI), Scikit-learn (SVM, Logistic Regression), Google AI Studio API.
- Developed an AI profiler predicting MBTI using **SVM** and emotions using **Logistic Regression**, served via **FastAPI**.
- Integrated a chatbot via **Google AI Studio API** deployed on **Hugging Face Spaces** to bypass serverless storage limits.
- Applied data mining techniques to process datasets for model training.

TECHNICAL SKILLS

- **Programming & Frameworks:** Next.js, Python (FastAPI), JavaScript/TypeScript, SQL, Tailwind CSS.
- **Machine Learning:** NLP, Sentiment Analysis, Text Classification, Hugging Face Transformers, Scikit-learn.
- **Infrastructure & Tools:** Git, Docker, Linux, REST API Integration, Computer Networking, Google AI Studio.

WORK EXPERIENCE

PT Sahabat Jaya Solusindo *(IT Support)*   Feb 2022 - Apr 2022
- Troubleshot hardware and software issues on client devices, ensuring minimal downtime.
- Maintained network infrastructure and managed client assets efficiently.

ServBridge Incorporated Pte Ltd *(Freelance Technical Engineer)*   Oct 2021 - Dec 2021
- Executed server device installation for Google Data Center projects.
- Performed rack mounting, cable management, and fiber optic cabling (RJ45/FO).

PT Citra Raya Nusatama (D'Health) *(Freelance System Implementor)*   Oct 2021
- Implemented parental control systems on devices for elementary students using Google Family Link.
- Configured app restrictions and usage limits to ensure safe digital environments.

PT Berca Hardayaperkasa *(Desktop Support Engineer)*   Nov 2019 - May 2020
- Managed PC procurement and deployment for Bank Mandiri projects with standardized OS configurations.
- Handled printer sharing, data backup/restore, and PIN Pad setups.

EDUCATION

Sekolah Tinggi Teknologi Cipasung *(Bachelor of Informatics)*   2022 - Present
SMK Al Falah Tanjungjaya *(Computer and Network Engineering)*   2016 - 2019

CERTIFICATIONS

- IT Multimedia BNSP Certified
- MikroTik Certified Routing Engineer (MTCRE)
- MikroTik Certified Network Associate (MTCNA)
- Cisco Networking Essentials