

Sabily Rusyda

Software Engineer

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PROFILE

Software Engineering undergraduate at Universitas Widyagama Malang, with two years of prior hands-on work in systems administration and merchandise graphic design. Strongest in React, TypeScript and Node.js; working knowledge of Unity, C#, Kotlin and Java. Comfortable in English and Japanese, and dedicated to perpetual growth and intellectual pursuits.

EXPERIENCE

System Administrator

Jan 2019 – Sep 2020

Azalel Nation — Minecraft server network

azalelnation.com

- Administered **5 game servers** on **Debian bare metal**, serving a community of roughly **500 active players**.
- Ran backup automation and monitoring, and handled crash diagnosis and recovery.
- Deployed server updates and configuration changes across the network.

Intern — Graphic Designer

Jun 2018 – Dec 2018

Roleplay Studio, Malang

Merchandise team, 6 people

- Produced merchandise artwork for two in-house projects, **Planewalker** and **Indekost**, as part of a six-person design team.
- Designed assets in **Adobe Illustrator** and **CorelDRAW**, from concept through to production-ready files.

EDUCATION

S1 Informatika (Software Engineering)

2023 – Present

Universitas Widyagama Malang

Animations and Graphical Design

Feb 2017 – May 2019

SMKN 5 Malang — graduated with honors; coursework also covered networking and software engineering

PROJECTS

- **stellarite** — custom **Fedora Atomic** (Universal Blue) image with the COSMIC desktop and Bazzite kernel, preconfigured with Steam, Flatpak, Brew and Waydroid. Published as a container image and ISO through CI; 47 stars.
- **pycollection** — Python library providing a Map-like collection type, modelled on Node's `@discordjs/collection` and JavaScript's Map and implemented over Python's dict. Published on PyPI as `pip install pycollection`.

SKILLS

Strongest | React, TypeScript, Node.js

Proficient | Linux and CLI, Git

Working knowledge | Unity, C#, Kotlin, Java, Python

Familiar with | Continuous integration within an SDLC

Systems & operations | Server administration, backup automation, monitoring, crash recovery, deployments, networking

Design & animation | Adobe Illustrator, CorelDRAW

Tools | Docker, Kubernetes, AWS, Microsoft Azure, OVHcloud, LaTeX

LANGUAGES

English – conversational

Japanese – conversational, no formal JLPT