

# Raden Arjuna Dimas Prakoso

Indonesia

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JunederZ

R. Arjuna Dimas P.

## SUMMARY

Results-driven undergraduate student at the State University of Jakarta with 3+ years of hands-on experience in development and algorithm design. Proficient in 3+ programming languages, including Python, Java and JavaScript. Successfully completed several software projects, demonstrating a solid foundation in software engineering principles. Collaborative team player with proven ability to adapt to new technologies and methodologies. Eager to leverage technical skills and innovative thinking to solve complex challenges in a dynamic software development role

## EXPERIENCE

### Full Stack Developer

August 2023 - Present

Gakko Eduplatform (Student Entrepreneurship Program)

Jakarta, Indonesia

- Oversaw the technical strategy and implementation of a web platform connecting students with qualified tutors
- On boarded over 50 tutors to the platform, providing support to ensure high-quality instruction for students
- Developed the back-end API services using Go programming language and PostgreSQL database
- Built the front-end web application using React.js, implementing a modern, responsive UI and seamless user experiences

### Private Teacher

April 2023 - Present

Freelance

Jakarta, Indonesia

- Conducted 50+ one-on-one instructional sessions on fundamental Python syntax and Scratch
- Covered 100+ coding problems and exercises across both Python and Scratch to build student programming proficiency
- Developed customized lesson plans to match student curriculum

### Backend Developer

October 2023 - February 2024

Angkit Agro Technology

Jakarta, Indonesia

- Designed and implemented a barcode generation and scanning system for livestock monitoring and tracking
- Developed and maintained 10+ RESTful APIs using Flask (Python)
- Implemented data encryption protocols and security measures for sensitive livestock data
- Configured and optimized cloud infrastructure and Nginx servers for Flask deployment, achieving 99.9% uptime

## PROJECT

### Minecraft Server

August 2022 - Present

VPS, Proxy and Top-up System

- Established and maintained a Minecraft server infrastructure, ensuring 99.9% uptime for over 700 active players
- Developed and implemented 15+ custom features and plugins to enhance the user experience, including an interactive in-game economy, player ranking system, and automated moderation tools
- Configured and managed the server's proxy and VPS hosting environment
- Optimizing performance and security for better user experience
- Creating a fully automatic web-based top up for in game currency

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## NASA Space Apps Challenge 2024 – Beyond Us

<https://beyond-us.pages.dev/>

October 2024

Front-End Developer

- Awarded "Best Space Project" for the NASA Space Apps Challenge in 2024
- Developed a web app with 3D interactive exoplanet display and immersive walk-on simulator using Vite, JS, Three.js, HTML, and CSS
- Collaborated effectively with a multidisciplinary team on full software development lifecycle
- Demonstrated strong problem-solving and adaptability in a fast-paced, innovative environment

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## EDUCATION

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### Bachelor of Computer Science

State University of Jakarta

Jakarta, Indonesia

GPA: 3.79 / 4.0 (4 Semester)

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## SKILLS

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### Professional Skill

Problem Solving, Effective Communication, Adaptability, Attention to Detail

### Technical Skill

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|----------------------------|---|
| • Programming Languages    | : Python, C++, Java, JavaScript, Go, Vala, Kotlin |
| • Web Development          | : HTML, CSS, React, Flask                         |
| • Mobile Development       | : Flutter   |
| • Databases                | : PostgreSQL, MySQL, MongoDB, MariaDB             |
| • DevOps & Version Control | : Git, Nginx                                      |

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## LANGUAGES

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### Indonesian

Native or Bilingual Proficiency

### English

Full Professional Proficiency