

MARCHELLA PUTRI SANNIE

Backend Engineer | Software Developer

marchella.putris2@gmail.com | +62895338964333 | www.linkedin.com/in/marchella-putri-sannie/ | <https://github.com/marchella2>

An active Computer Science undergraduate with 3+ years of hands-on experience in Java, Golang, and PHP. Passionate about scalable backend architecture, software optimization, and continuous learning in emerging technologies.

EDUCATION

Binus Online University – Computer Science

February 2025 – present

- Developing a strong understanding of computer science, programming, and information technology.
- Studying algorithms, data structures, and software development.
- Utilizing various technologies and programming languages to build innovative solutions.

SMKS Wikrama Bogor – Software Engineering

July 2018 – June 2021

- Graduated with a final score of 86/100, demonstrating a strong academic performance throughout my studies.
- Served as a teacher's assistant during the matriculation period, helping new students adapt to school life and supporting faculty members with course materials and administrative tasks.
- Finalist in the 2020 Indonesian Science Project Olympiad (ISPO) in the field of Computer, showcasing my strong interest and aptitude in computer science and technology.
- Developed the SIM Report application using Laravel as a part of my final assessment project, which demonstrated my practical skills in web development and problem-solving.

WORK EXPERIENCE

Backend Engineer, PLN Icon Plus

November 2024 – present

- Developing and enhancing the back-office data gateway application to support business operations.
- Identifying, troubleshooting, and fixing bugs to ensure system reliability and performance.
- Collaborating with internal teams to improve system functionalities and streamline processes.
- Continuously optimizing the application to meet evolving business needs and industry standards.

Associate Technical Consultant, PT Jati Piranti Solusindo

January 2022 – November 2024

- Debugging and resolving production issues in client applications to ensure minimal downtime and seamless user experience.
- Designing, developing, and testing new features to improve application functionality and meet business requirements.
- Collaborating with the frontend team and business analysts to identify issues, propose solutions, and implement fixes efficiently.
- Integrating third-party system applications and ensuring that new features are successfully implemented within project timelines.
- Coordinating with the development team to enhance overall application performance and functionality.

Java Developer Trainee, PT Jati Piranti Solusindo

August 2021 – January 2022

- Completed a 1-month intensive Java training, gaining a strong foundation in Java development and object-oriented principles.
- Developed a car rental application using Spring Boot and Angular, contributing to both backend and frontend development in a collaborative team environment.
- Assisted in debugging and fixing production issues in client applications, ensuring timely resolution of critical problems to maintain smooth and continuous operations.
- Collaborated closely with business analysts to gather requirements, troubleshoot issues, and ensure the application met business needs while operating efficiently.
- Contributed to code reviews, documentation, and maintaining clean, efficient code to improve overall application quality and team productivity.

Web Developer Intern, PT Codepolitan

October 2020 – December 2020

- Completed a 3-month remote internship, gaining practical experience in web development, content creation, and collaboration in a virtual environment.

- Developed e-commerce applications using Laravel, focusing on backend development to create scalable, secure, and user-friendly systems for online stores.
- Created engaging programming content ideas for the company's Instagram posts, contributing to the brand's digital marketing efforts by sharing valuable coding tips, tutorials, and development insights.
- Worked closely with the marketing team to align content strategy with company goals, ensuring that posts resonated with the target audience and showcased the company's technical expertise.
- Collaborated with senior developers to refine my coding skills, participate in code reviews, and enhance the functionality of e-commerce platforms.

ORGANIZATION AND VOLUNTEER

Social Media, Persaudaraan Muda Mudi Vihara Buddhasena Bogor

April 2024 – present

- Design weekly worship service posters using Canva, creating visually appealing graphics that align with the theme of each service to engage and inform the congregation.
- Lead youth worship services, guiding and mentoring young members in meaningful worship experiences, while fostering a welcoming and spiritually uplifting environment.
- Create content ideas for @pmvbb Instagram posts, contributing to the organization's digital presence by developing posts that highlight upcoming services, events, and community activities, helping to connect and inspire our followers.
- Document activities and produce video content, capturing key moments from services and events, and producing videos to share with the wider community, showcasing the organization's work and impact.

Volunteer Waisak, Persaudaraan Muda Mudi Vihara Buddhasena Bogor

April 2024 – June 2024

- Designed posters and YouTube thumbnails using Adobe Photoshop, creating eye-catching visuals to promote the Waisak events on social media platforms and video channels.
- Documented the series of Waisak events, capturing key moments from the opening ceremony to the closing, ensuring that each event was well-documented and could be revisited through photos and video content.
- Assisted in the preparation and publication of event materials, ensuring timely release of content to engage the community and increase event visibility.
- Collaborated with other volunteers and event organizers to maintain consistent branding and messaging across all media, ensuring a unified and professional presentation of the event.

AWARDS AND ACHIEVEMENT

Finalist Indonesian Science Project Olympiad (ISPO)

February 2020

- Authored a paper titled "TTS (Tanya Tentang Siber) Smart Application for Cyber Consultation Based on Artificial Intelligence Chatbot", which focused on creating a smart application for cyber consultation using AI-based chatbots to assist users with cybersecurity concerns.
- My research contributed to the development of user-friendly solutions aimed at improving digital literacy and enhancing cyber safety through automated AI interactions.
- The paper was recognized for its innovation in artificial intelligence and its potential application in the cybersecurity field, where AI can provide timely, accurate advice to users in navigating cyber threats.

SKILLS

Java | PHP | Golang | Groovy | Grails | Spring Boot | Laravel | Javascript | Vert.x | Go Fiber | MySQL | PostgreSQL | Apache Maven | Git | Postman | JIRA | Trello | HTML | CSS | REST API | Web Development | Third-Party Integration | Problem Solving | Team Collaboration | Adaptability | Time Management

TRAINING AND CERTIFICATION

- **Junior Programmer, Badan Nasional Sertifikasi Profesi**
- **Dasar Pemrograman Web, Dicoding Academy**
- **Memulai Pemrograman Dengan Java, Dicoding Academy**