Muhammad Raditya Hanif

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Highly motivated and ambitious 6th semester student with a passion for software development and data engineering. Strong problem-solving abilities and a quick learner with a keen eye for detail. A collaborative team player with excellent communication skills and a drive to contribute to meaningful projects. Seeking opportunities to apply and enhance my skills.

EDUCATION

Bangkit Academy – Android Development Cohort   Feb 2024 - Present
University of Indonesia, Jakarta

Bachelor's Degree - Computer Science   Aug 2021 - Present
University of Indonesia, Jakarta

EXPERIENCE

Teaching Assistant for Programming Foundations with Java   Feb 2024 – Present
Faculty of Computer Science, University of Indonesia, Jakarta
- Teaching and assisting students about OOP with Java
- Assisted students with their assignments, offering explanations, code debugging, and problem-solving strategies to enhance their understanding and improve their programming skills.

Backend Developer Intern   Aug 2023 – Oct 2023
PT Svara Inovasi Indonesia, Bandung
- Developing and maintaining web application using Javascript, Typescript, and PHP, and various databases including PostgreSQL and MongoDB, ensuring high performance and scalability.
- Working closely with the frontend team to design and implement RESTful APIs, enabling seamless communication between the frontend and backend.

Teaching Assistant for Platform-based Programming   Aug 2023 – Jan 2023
Faculty of Computer Science, University of Indonesia, Jakarta
- Teaching and assisting students about web development with Django, a Python-based web framework, and mobile development with Flutter.
- Helping students to integrate their web and mobile applications using RESTful APIs, Firebase, and other technologies.
- Assuming the role of scrum master for student final projects, facilitating agile development practices such as daily stand-ups, sprint planning, and retrospectives.

Digital Banking Product Intern   July 2023 – July 2023
PT Bank Mandiri Persero (tbk), Jakarta
- Assisting in the development and management of digital banking and government technology products.
- Conducting market research to identify customer needs and trends in the government technology sector.
- Collaborating with cross-functional teams to develop product roadmaps and strategies

Vice Person in Charge of Software Engineering Academy   Mar 2023 – Nov 2023
COMPFEST 15, Jakarta

- Leading and supervising a team of 15 highly skilled Software Engineering Academic staff members, achieving exceptional outcomes in program delivery.
- Managing and coordinating a dynamic 3-week Software Engineering Bootcamp event, ensuring participants gained proficiency in cutting-edge software engineering concepts and practices.
- Designing and supervising the development of challenging final projects in web and mobile development, showcasing participants' acquired skills and producing impressive results.

Teaching Assistant for Calculus I   Aug 2022 - Jan 2023
Faculty of Computer Science, University of Indonesia, Jakarta
- Conducted comprehensive reviews and tutorial sessions to reinforce key concepts and assist students in understanding complex subject matter.
- Provided one-on-one assistance to students who were facing difficulties, offering guidance and support to help them overcome challenges.
- Collaborated with the course instructor to develop and implement effective teaching strategies that catered to diverse learning styles.
- Demonstrated excellent communication skills in explaining complex ideas in a clear and concise manner, ensuring student comprehension.

Staff of Software Engineering Academy   Apr 2022 - Nov 2022
COMPFEST 14, Jakarta
- Assumed the role of Master of Ceremony, effectively leading and guiding the bootcamp sessions, creating an engaging and interactive atmosphere for participants.
- Collaborated with fellow staff members to implement effective strategies for participant registration and requirements, streamlining the process and enhancing the overall experience.
- Demonstrated strong communication skills in effectively relaying complex technical concepts to participants, facilitating their understanding and learning.

Peer Tutor of Programming Foundations with Python   Feb 2022 - Jul 2022
Faculty of Computer Science, University of Indonesia, Jakarta
- Conducted regular weekly private reviews and tutorial sessions, providing personalized support and guidance to fellow students in programming foundations with Python.
- Assisted students with their assignments, offering explanations, code debugging, and problem-solving strategies to enhance their understanding and improve their programming skills.
- Arranged and facilitated mid and final-term exam preparation sessions, equipping students with the necessary knowledge and skills to excel in their assessments.

SKILLS

(proficient): Java, Spring, Python, Flutter, Django, Git, PostgreSQL, Javascript, Typescript, Node JS, Next JS, Kotlin, Android Development
(familiar): Go, Docker, MongoDB, PHP, GCP