





Muhammad Ilham Febriana

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Summary

Graduated from Pertamina University with a degree in Computer Science. Expertise in web development, data science, and software engineering. Proficient in JavaScript, React JS, Python, and RESTful API development, with experience building scalable web applications and collaborating in Agile teams. Passionate about learning, problem-solving, and fostering teamwork to deliver impactful solutions. Experienced in integrating secure data management systems and optimizing workflows using modern technologies. Committed to continuous improvement and eager to solve complex challenges in dynamic environments.

Skills

Technical skills

- Programming Languages: JavaScript, Python, PHP
- Web Development: React JS, Node JS, Express JS, Bootstrap, Tailwind CSS, Flask
- Database Management: MySQL, MongoDB
- Software Development: Object Oriented Programming (OOP), RESTful API, Git, CI/CD Pipelines
- Data Science & Machine Learning: Data Visualization, Machine Learning
- Tools: Docker, Postman, VS Code

Soft Skills

- Fluent in English (Advanced Level)
- Strong teamwork and collaboration in Agile environments
- Effective communication and problem-solving skills

Experience

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|---|--|----------------------------|------------------------|
| Front End & Back End Web Developer | <u>Dicoding Academy</u> | <i>Bandung, Indonesia</i> | (6 – 12 / 2022) |
| <ul style="list-style-type: none">• Building dynamic user interfaces with React JS, focusing on improving data access security.• Integrating Continuous Integration/Deployment pipelines, managing pull requests, conducting code reviews, and performing load, stress, unit, integration, and end-to-end testing.• Executing CRUD operations (Create, Read, Update, Delete) utilizing MySQL and Mongo DB to optimize data management processes.• Collaborating as a Front-End Developer with a 4-member team on the IRIS web application, streamlining health information access for users. utilizing Agile and Scrum methodologies to improve teamwork and enhance overall efficiency. | | | |
| IT Intern | <u>P.T Kreasindo Inti Abadi</u> | <i>Depok, Indonesia</i> | (2021 - 2022) |
| <ul style="list-style-type: none">• Working together with senior engineering staff to help maintenance fire alarm systems.• Helping builds web applications for corporate need.• Learning from Engineer Expert how working as team. | | | |
| Junior Web Developer | <u>Digitalent BPPTIK</u> | <i>Cikarang, Indonesia</i> | (2023) |
| <ul style="list-style-type: none">• Learn how to build websites with using PHP programming language• Learning basic of algorithm programming with using PHP• Learn how to be a professional as PHP web developer | | | |

Education

Bachelor of Computer Science

Universitas Pertamina

Jakarta, Indonesia **(2019 – 2024)**

- **Cumulative GPA:** 2.98
- Focused on web development, data science, and software engineering.
- Relevant coursework: Algorithms and Data Structures, Database Management Systems, Machine Learning, Software Development.

Projects

- **Web Developer | College Project | Swing Website:** Work with team to design and build Website for travels, provide plane online ticket (Laravel, Apache). Link to [Swing App](#) (2021)
- **Front-End Web Developer | Capstone Project | IRIS:** Design and build website with team as Front-End to provide information about health. Implemented Front-End (React JS) and Back-End (Express JS) working each other. Link to [IRIS](#) (2022)
- **UI Design | SISKAMOL website:** work with team to design User Interface for corporate profile website (Wordpress). Link to [SISKAMOL](#) (2021)

Certificates

- **Front-End Web Developer for Expert at Dicoding Academy:** Link to [Front End expert](#) (2022)
- **Back-End Web Developer for Beginner at Dicoding Academy:** Link to [Back End beginner](#) (2022)
- **JavaScript programming at Dicoding Academy:** Link to [JavaScript](#) (2022)
- **Git with GitHub at Dicoding Academy:** Link to [Git](#) (2022)
- **Advance English Level at Titik Nol English Course:** Link to [English Advance](#) (2024)