



Muhammad Bagas Pradana

Software Engineer

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SUMMARY

My name is Muhammad Bagas Pradana, I'm 23 years old and I recently graduate from State University of Jakarta with a Computer Science Degree in 2022, and my IPK is 3.53 with work experience in the field of web and android development. I have an internship experience in the field of Full Stack Developer for 11 months and in the field of Mobile Engineer for 5 months. I am currently employed as a Software Engineer at the Badan Pendapatan Daerah Provinsi DKI Jakarta.

I have good ability in team work as well as disciplined and punctual behavior. According to my ability and experience, I can learn new things quickly and I am a responsible person and have the desire to grow together with the company.

EXPERIENCE

Software Engineer

01/2023 - Present

Badan Pendapatan Daerah Provinsi DKI Jakarta ➤

- Responsible for the development and maintenance of the Badan Pendapatan Daerah Provinsi DKI Jakarta website.
- Developed and managed the Annual Tax Audit Work Plan (RKPT) feature for the Jakarta Provincial Regional Tax.
- Developed and managed the Self-Assessment Tax Audit feature (including PBBKB Tax, Hotel Tax, Restaurant Tax, PPJ Tax, and Parking Tax) along with its tax calculations. This feature facilitated transactions worth 8.85 trillion IDR in 2023.
- Developed and oversaw several features for Billboard (Reklame) Tax Services, contributing to an average annual revenue of 1 trillion IDR for Bapenda DKI Jakarta.
- Designed and managed features for Tax Object Collection, Tax Penalty Reduction, and Tax Object Closure.
- Developed and maintained the Provincial Tax Census Data feature for DKI Jakarta.
- Developed an information management feature for regional tax payments through the virtual account channel of Bapenda Provinsi DKI Jakarta.
- Developed a data scraping code utilized by Bapenda Provinsi DKI Jakarta to extract data from various government websites in DKI Jakarta. The scraping process was built using two programming languages, PHP and JavaScript, and is executed automatically on a daily basis.
- Collaborated with other teams to design and implement new features aimed at enhancing the efficiency of tax management for the Badan Pendapatan Daerah Provinsi DKI Jakarta.
- In addition to developing systems, I actively participate in data analysis for each feature I have created. As a result, I am required to thoroughly understand and remember every business process and the flow of data through each stage of the process.

Full Stack Developer Intern

08/2021 - 01/2023

UPPPD Kecamatan Koja

- Build 4 applications that will be used by UPPPD Koja District. Stack used: React.js, React Native, PHP, MySQL, Tailwind CSS, Bootstrap CSS, Figma, Github, Heroku, PWA, Agile Methodologies.
- Conducting outreach to the community and local government units in the Koja sub-district regarding the latest SPPT system.
- Analyze taxpayer data and data from field inspections and then use the data from the analysis to make an Audit Result Report (LHP) which will be submitted to taxpayers.
- Perform data cleaning, data optimization, and filter data according to their respective needs against the Koja sub-district tax data in 2021.
- Conduct data gathering to be used as a system design that will be used as a thesis by the author entitled "Rancang Bangun Aplikasi E-Letter Berbasis Web pada Unit Pelayanan Pemungutan Pajak Daerah Kecamatan Koja, Jakarta Utara"
- Creating a guidebook related to the system created
- perform system maintenance that has been made at UPPPD Kecamatan Koja

Chairman of the Student Legislative Council of the Computer Science Study Program State University of Jakarta	02/2020 - 01/2021
<ul style="list-style-type: none"> Coordinated all members of the Student Legislative Body (LLM) of the Computer Science Study Program. Served as the spokesperson for the LLM of the Computer Science Study Program and as an institutional representative. Determined the draft LLM agenda for the Computer Science Study Program, related to estimated time for solving a problem/task according to task priorities. 	
Research And Data Staff Supervisory Team In PKKMB FMIPA UNJ 2020 State University of Jakarta	07/2020 - 10/2020
Conduct research related to the data that has been obtained to be properly processed and used for PKKMB activities next year. Make observations and make reports on the results of the data as a form of evaluation of the PKKMB agenda for that year.	
Head of the Computer Science Study Program Election Commission State University of Jakarta	09/2019 - 02/2020
<ul style="list-style-type: none"> Coordinating all members of the KPU Computer Science members Prepare all forms of KPU agenda such as holding meetings, holding general elections, as well as implementing voting and ratifying the elected candidates 	
Treasurer of the Student Legislative Council of the Computer Science Study Program State University of Jakarta	02/2019 - 01/2020
<ul style="list-style-type: none"> Receive, save, administer, and book the organization's money. 	

EDUCATION

Computer Science State University of Jakarta - Bachelor's degree	08/2018 - 08/2022
<ul style="list-style-type: none"> 18th place from CodeAbbey Indonesia Rank (World 577 Best) 2022 Digitalent Training Scholarship by Kominfo 2022 Batch 3 (Cyber Security Technician) 2022 Digitalent Training Scholarship by Kominfo 2022 Batch 2 (Data Science Training) 2022 Digitalent Training Scholarship by Kominfo 2022 Batch 1 (Full Stack Developer Training) 2022 Ministry of Tourism and Creative Economy BDD Facilitation Scholarship 2020 1st Place in the Essay Competition of the Mathematics Scientific Festival at the Jakarta State University 2019 	
Artificial Intelligence (Winter Program) Asia University, Taiwan - Bachelor's degree	01/2021 - 02/2021
Gained practical experience in machine learning and deep learning using TensorFlow and Google Colab, covering key algorithms such as regression, classification, clustering, and CNNs, during a Winter Program in AI at Asia University, Taiwan (2021), achieving a final grade of 83.	
Science SMA N 18 KOTA BEKASI - Senior High School	08/2015 - 08/2018

CERTIFICATES

React JS ↗ Progate	05/2024 - Present
Cyber Security Technician ↗ Kementerian Komunikasi dan Informatika Republik Indonesia	10/2022 - Present

Data Science ↗ Kementerian Komunikasi dan Informatika Republik Indonesia	08/2022 - Present
Full Stack Developer with Ruby on Rails ↗ Kementerian Komunikasi dan Informatika Republik Indonesia	05/2022 - Present
Software Engineer ↗ HackerRank	03/2022 - Present
SQL (Intermediate) ↗ HackerRank	01/2022 - Present
Problem Solving (Basic) ↗ HackerRank	06/2021 - Present
Python (Basic) ↗ HackerRank	05/2021 - Present
Node.js (Intermediate) ↗ HackerRank	05/2021 - Present
React (Basic) ↗ HackerRank	05/2021 - Present
Intro to Machine Learning ↗ Kaggle	02/2021 - Present
SEO : Cara Membuat Website Eksis di Halaman Depan Google ↗ Skill Academy	09/2020 - Present
Belajar Dasar DevOps ↗ Dicoding	10/2022 - 10/2025
Belajar Machine Learning untuk Pemula ↗ Dicoding	06/2022 - 06/2025
Belajar Dasar Google Cloud ↗ Dicoding	05/2022 - 05/2025
Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) ↗ Dicoding	04/2021 - 06/2024
Belajar Membuat Aplikasi Android untuk Pemula ↗ Dicoding	04/2021 - 04/2024
Membangun Progressive Web Apps ↗ Dicoding	11/2020 - 11/2023
Belajar Dasar Visualisasi Data ↗ Dicoding	08/2020 - 08/2023

SKILLS

React Native	Advanced	Web Scrapping	Expert
Laravel	Expert	Data Analyst	Intermediate

Tableau	Intermediate	Microsoft Office	Intermediate
Search Engine Optimization	Intermediate	Figma	Intermediate
Amazon Web Services	Intermediate	Canva	Advanced
Google Cloud Platform	Intermediate	Data Visualization	Intermediate
Google Firebase	Advanced	Postman	Intermediate
Google Console	Advanced	State Tax Planning	Advanced
Azure ML Studio	Basic	Cyber Security Technician	Basic
MongoDB	Intermediate	Kotlin	Basic
MySQL	Advanced	Java Spring Boot	Intermediate
GraphQL	Intermediate	Python	Intermediate
Docker	Intermediate	Next JS	Advanced
Livewire	Expert	Golang	Intermediate
Progressive Web Application	Advanced	Rust	Basic

LANGUAGES

Indonesia	Native	English	Intermediate
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