NUR RIZQI MAULANA

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Tegal, Central Java, Indonesia

An Informatics Engineering student at Harapan Bersama Polytechnic, Tegal City with experience as a Production Operator at PT. Astra Honda Motor. Has broad expertise in the software field, including programming, application development, and data analysis. The combination of industry experience and technical expertise provides the ability to work efficiently in a team and independently. I have a high commitment to quality and process improvement. Ready to contribute to technology projects with high dedication and professionalism.

EDUCATION

Politeknik Harapan Bersama – Tegal, Indonesia   Sep 2021 - Present
Undergraduate in Informatics Engineering, 3.76/4.00
- Conducting a community service programme by creating a village profile website.
- Relevant Coursework: Web Development, Mobile Development, Database System, Machine Learning, Intelligent System Programming.

Bangkit Academy – Bandung, Indonesia   Aug 2023 – Jan 2024
Mobile Development Learning Path, Kampus Merdeka Study Independent
- Develop functional and responsive Android applications.
- Apply best practices in mobile app development.
- Utilize modern development tools and frameworks effectively.
- Work collaboratively in a team capstone project to create and deploy mobile applications.
- Learn soft skills and apply English in every class, presentation, and discussion.

EXPERIENCE

PT. Astra Honda Motor – Bekasi, Indonesia   Des 2018 – Okt 2020
Production Operation
- Operate and control production machines according to established procedures.
- Ensure raw materials are available and ready to be used in the production process.
- Monitor product quality throughout the production process to ensure quality standards are met.

Story Photowork – Tegal, Indonesia   Jun 2021 – Jul 2023
Freelance Photo Editor
- Edit photos using Adobe Photoshop, Lightroom, or other photo editing applications.
- Perform photo retouching, including color correction, lighting, and removal of unwanted elements.
- Arranging and cropping photos to ensure an attractive composition that meets client requests.

PROJECT

SiPenduk: Sistem Informasi Penerima Dana Bantuan Penduduk
Laravel, Bootstrap, MySQL, SAW Method
- Implementing the Simple Additive Weight method Decision Support System into Laravel.
- Creating Frontend with bootstrap framework and using blade template from laravel.
- Implement database relationships with models and migrations in Laravel.

Website Profile Desa Tembok Kidul
OpenSID,MySQL
- Prepare a local server or hosting for OpenSID installation
- Create a new database in MySQL and Configure the database connection server.
- Input data information related to the village

Spicefy: Education and Marketplace App for Spice
Kotlin, Postman, Figma, Android Studio
- Design and develop responsive and user-friendly UI/UX designs for Android applications.
- Integrate design into Android Studio, ensuring consistency and quality of design across apps.
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- Implement RESTful API to manage and retrieve data from the server, ensuring accurate and real- time data in the application.

FaceMask Backend
OpenCV, Ultralytics, Flask, MySQL, MongoDB, Streamlit
- Build and test a real time detection model using ultralytics
- Create authentication with JWT using flask framework, and mysql database.
- Visualize detection results using streamlit to gain new insights.

FaceMask Application Detection & Counting
Flutter, Figma, Dart, MySQL, MongoDB, Streamlit
- Design and develop responsive and user-friendly UI/UX designs for Android applications.
- Integrate design into Android Studio, ensuring consistency and quality of design across apps.
- Implement RESTful API to manage and retrieve data from the server, ensuring accurate and real- time data in the application.

ACHIEVEMENTS

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- **Finalist Android App Competition INVFEST X ISF 8.0 – Purwokerto, Indonesia**
  Issued by Himpunan Mahasiswa Teknik Informatika IT Telkom Purwokerto, Dec 2023.
- **Finalist Web App Competition UNM Digital Business Fest 2023 – Depok, Indonesia**
  Issued by Universitas Nusa Mandiri, Aug 2023.

CERTIFICATION COURSE

- Belajar Pengembangan Aplikasi Android Intermediate (Dicoding)
- Belajar Membuat Aplikasi Android dengan Jetpack Compose (Dicoding)
- Belajar Fundamental Aplikasi Android (Dicoding)
- Belajar Membuat Aplikasi Android untuk Pemula (Dicoding)
- Belajar Fundamental Aplikasi Flutter (Dicoding)
- Belajar Membuat Aplikasi Flutter untuk Pemula (Dicoding)
- Belajar Pengembangan Machine Learning (Dicoding)
- Belajar Machine Learning untuk Pemula (Dicoding)
- Statement Of Accomplishment Introduction to R (DataCamp)
- Mathematics for Computing (BISA AI Academy)

SKILLS

Languages: Indonesia (native), English (passive)
Language Programming : Kotlin, Python, PHP, Java, Dart, MySQL
Framework: Laravel, Flask, Flutter
Developer Tools: Git, Postman, Visual Studio
Libraries: Bootstrap, Tensorflow, Pandas, Scikit-Learn, OpenCV, Ultralytics
Soft Skills : Communication, Teamwork, Time Management, Problem Solving