M AFIV HIDAYATULLOH

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EXECUTIVE SUMMARY

UNIVERSITAS NUSANTARA PGRI KEDIRI - Kediri city   Apr 2022 -

I am M AFIV HIDAYATULLOH, a 4th semester student at Nusantara University PGRI Kediri majoring in Informatics Engineering. With great motivation and enthusiasm for learning, I actively participate in competitions and training courses in this field. I aspire to become a software developer where UI (User Interface) and UX (User Experience) are key elements in software development, ensuring technology products are intuitive, efficient and satisfying for users. UI/UX is an important component in software development in the field of Information Engineering. A focus on good UI/UX not only increases user satisfaction and engagement, but can also provide a significant competitive advantage. By implementing the right strategies and keeping up with the latest trends, companies can ensure that their products not only meet functional needs but also provide a superior user experience. An investment in UI/UX development is an investment in the success and sustainability of the product in a competitive digital marketplace.

EDUCATION

UNIVERSITAS NUSANTARA PGRI KEDIRI ✓ - Kediri city   Aug 2022 -

Bachelor Degree in Informatics Engineering, 3.73/4.00

- Relevant Subjects : Python programming, IoT systems, database management, database design and development using MySQL, front-end web development using HTML and CSS.
- Experience Competition: BLK in the field of graphic design in 2023
- Course: concept and implementation of Python object-oriented programming and national seminar on the role of artificial intelligence in accelerating the creative economy.

ORGANIZATION EXPERIENCES

Information engineering student association - Kediri city   Aug 2022 - Present

Cadre Division

The Cadre Division of the Information Engineering Student Association has a vital role in developing human resources. With a structured and sustainable program, this division can produce graduates who not only excel in academics, but also have leadership characteristics and skills that are ready to face challenges in the professional world. Investment in cadre formation is an investment in a better future for all members of the information engineering student association.

- Member Needs Research: Conduct surveys to understand member needs and interests.Collaboration with Industry: Collaborating with technology companies to provide training and workshops.Periodic Evaluation: Conduct evaluations of programs that have been implemented to improve the quality of cadre formation activitiesEffective Communication: Ensure good communication between members via social media and other communication platforms.

Robotic - Kediri city   Jan 2023 - Present

member of the mechanical division

The Robotics Mechanics Division has a major responsibility in ensuring that all mechanical aspects of the robot function properly and efficiently. Through innovative design, prototype development, in-depth analysis, and proper maintenance, this division contributes significantly to the success of robotic projects.

- Design and develop robot mechanical structures, including frames, joints and transmission systems.
- Create CAD (Computer-Aided Design) models for simulation and analysis of mechanical structures.
- Analyze the strength and durability of mechanical structures using simulations and trials.
- Conduct research on the latest mechanical technologies and new materials that can be used in robot design.

Nusantara code (ncode) - Kediri city   Sep 2023 - Present

mobile app

The Mobile Application Development Division plays an important role in creating functional, secure and user-friendly applications. Through careful planning, structured development, detailed testing, and regular updates, the division ensures applications meet user needs and remain relevant in a competitive market.

- Identify user needs and market trends to determine the features and functions required in the application.
- Write code for mobile applications using appropriate programming languages such as Swift for iOS, Kotlin/Java for Android, or using cross-platform frameworks such as Flutter or React Native.

PROJECT EXPERIENCE

- **Projects** ⊘ (2023): Using Python GUI and My-SQL • Designing database and implementation to SD maju mundur database program. • Analyze the database that is contained in My-SQL. • Connecting python program language based GUI with My-SQL • Add features to create, modify, update and delete data easily for users.
- **Hard Skills** (2024): Database Management Using My-SQL : Advance SQL querying and Database design, Experience in Database Optimization andf Indexing, Knowledge of My-SQL Administration. • IoT Development : Knowledge of Microcontroller Programming (Arduino, Raspberry pi), Experince with IoT Platforms. • Python Programming in Visual Studio Code : Familiarity with Python Libraries for Data Analysys (Pandas, NumPy), Experience with Python Web Framework (Django), Intermediate Python scripting. • Web Development : Front End Technologies (HTML, CSS). • Operate Ms Excel : Intermediate skills (PivotTables, VLOOKUP, AVERAGE, COUNT).
- **Soft Skills** (2023): • Communication skills • Work in a team • Analytical thinking • Problem solving • Creativity and Innovative • Continus learning • Discipline • Adaptability