AHMAD REZA ADRIAN

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SUMMARY

I am an enthusiastic Informatics Engineering student with a strong passion for web development, software engineering, and a growing interest in data science and machine learning. I have gained valuable experience through personal and academic projects, demonstrating strong problem-solving skills, attention to detail, and a proactive approach to learning. Always eager to take on new challenges, I continuously seek opportunities to expand my knowledge and contribute to innovative solutions in the tech industry.

EDUCATION

SMA INTEGRAL AR-ROHMAH   **July 2020 -June 2023**

Science Department

UNIVERSITAS NEGERI MALANG   **August 2023 - Present**
                                                                     GPA 3.96

Informatics Engineering

WORK EXPERIENCE

Web Developer   **Malang**
Self-employed   **August 2024 - Present**

- Developed full-stack web applications, integrating front-end and back-end technologies to deliver user-friendly systems.
- Contributed to improving project performance by optimizing code, reducing application load times, and enhancing overall user experience.
- Successfully built a secure user authentication system and efficient data management processes for multiple clients.
- Achieved a 30% increase in client satisfaction through timely delivery and consistent quality improvements in various projects.

ORGANIZATIONAL EXPERIENCE

Web Development Division, GDGoC (Google Developer Group on Campus)   September 2024 - Present

- Assisted in executing Study Jam, providing members with practical web development learning experiences.
- Developed educational modules on HTML, CSS, Tailwind CSS, JavaScript, and React, improving accessibility and clarity for learners.
- Contributed as a committee member in the Tech Talk event, actively coordinating and managing the flow of activities, which successfully attracted 180 participants.
- Collaborated with team members to enhance the learning experience for participants in workshops and knowledge-sharing sessions, fostering engagement and collaboration within the community.

PROFESSIONAL SKILLS

- **Technical Skills:**
  - Front-End Development: Proficient in HTML, CSS, and JavaScript, with experience building responsive and interactive user interfaces.
  - React.js Expertise: Strong knowledge of React.js for building dynamic, component-based web applications, including state management with Redux and Context API.
  - Back-End Development: Experienced with Node.js and Express.js to build RESTful APIs and manage server-side logic.

- Database Management: Skilled in MongoDB, MySQL, and PostgreSQL for designing schemas, writing complex queries, and optimizing performance.
- Python for Data Science: Proficient in Python for data science and machine learning, using libraries like NumPy and Pandas for data manipulation and analysis.
- Machine Learning: Experienced with Scikit-learn for implementing classification, regression, and clustering models. Familiar with TensorFlow for building and deploying neural networks.
- TypeScript: Familiar with TypeScript for writing type-safe and maintainable code in web applications.
- Version Control: Comfortable working with version control systems like Git, including collaboration using GitHub.

- **Communication and Problem-Solving:**
  - Effective Communication: Skilled in creating clear and concise technical reports and presentations, ensuring understanding among both technical and non-technical stakeholders.
  - Team Collaboration: Strong ability to work effectively within a team, fostering collaboration and productive discussions to achieve common goals.
  - Critical Thinking: Capable of analyzing situations and applying logical approaches to resolve issues efficiently.

PROJECTS

- **Library Management Application (Next.js, TypeScript, PostgreSQL).** January 2025
  Designed and implemented a library management system featuring book cataloging, borrowing records, and user management, leveraging modern technologies for scalability and performance.

- **LBC Laundry Management (MERN Stack).** Desember 2024
  Built a full-stack laundry management application with features such as laundry tracking, service management, and real time status updates using MongoDB, Express.js, React.js, and Node.js.

- **Coffee Shop Application (HTML, CSS, JS, PHP)** May 2024
  Developed a web-based application with features including order management, shopping cart, purchase history, and customer reviews.