

# ACHMAD FAUZY

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Jakarta, Indonesia

I am a highly motivated Computer Science student at Trisakti University, specializing in Information Technology with hands-on experience in web and mobile app development, information security, data analytics, and AI integration. Passionate about creating user-centric solutions, I have delivered impactful projects at CNN Indonesia and Trisakti University, leveraging cutting-edge technologies like AI-driven chatbot solutions, Natural Language Processing (NLP), RESTful APIs, and advanced security algorithms. Skilled in React.js, Next.js, Ionic Framework, and Node.js, I excel in building high-performance applications while thriving in dynamic team environments. Committed to continuous learning, I am eager to make a meaningful impact in the tech industry.

## Education

### Trisakti University Bachelor (S1) Teknik Informatika

Aug 2021 - Present

- CGPA 3.75 out of 4.00
- Get Full Scholarship
- Participate in the HIBAH DIKTI Project & Faculty Project

## Experiences

### Capstone Project HaloSani

#### Frontend & AI Integration Trisakti University

Aug 2024 – Feb 2025

- Developed dynamic and responsive frontend interfaces using **React.js** and **Next.js**, ensuring optimal user experience across all devices.
- Integrated Mentor AI with advanced Natural Language Processing (NLP) using the Ollama Model, enhancing interactive chatbot functionalities.
- Implemented seamless API Integration for real-time communication between frontend and backend services.
- Designed and deployed the Mental Health Disorder Library (MDL), incorporating educational content through eBooks.
- Led the UI/UX Design process to create user-centric and accessible interfaces, improving user engagement by 30%.
- Successfully integrated AI chatbot with 88% accuracy in intent recognition and context-aware responses.
- Streamlined API configurations for faster data retrieval and efficient frontend rendering.
- Improved overall accessibility and responsiveness, achieving high user satisfaction ratings.

## Laboratory Assistant

### Mobile Programming Laboratory Assistant Trisakti University

Sep 2024 – Jan 2025

- Guiding students through practical lab exercises and helping them understand Android development concepts, including UI/UX design, activities, fragments, and Android lifecycle.
- Providing hands-on support in Android programming languages like Java and Kotlin.
- Troubleshooting issues in Android Studio, managing emulators, and assisting with debugging.
- Assisting the lead instructor in preparing lab materials, running demos, and supporting students during coding sessions.

## ERP System Testing and Documentation Specialist

### Indomonang Jadi

Okt 2024 – Jan 2025

- Designed, executed, and evaluated comprehensive tests on the ERP system's admin dashboard module to ensure functionality, performance, and security standards.
- Created detailed documentation for testing processes and results, enhancing the system's quality assurance workflow.
- Collaborated effectively in a remote team environment, maintaining clear communication and delivering high-quality outputs.
- Utilized analytical skills to identify system issues, ensuring a reliable and efficient ERP software.

## IT Research and Development Intern

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Software developer, intern  
CNN Indonesia

Feb 2024 – Jun 2024

- Successfully developed a responsive and interactive admin interface for the Boutique Arsa website using the CodeIgniter framework, enhancing user experience and streamlining admin management processes.
- Optimized communication efficiency by implementing background processes for SMTP email and WhatsApp notifications using CT Corp's RESTful API, ensuring timely and reliable notifications.
- Carried out the development process according to user needs and my job description in the frontend, developing the admin side interface to be more responsive and interactive using the CodeIgniter framework.
- Handled background processes for SMTP email and WhatsApp notification transactions using the CT Corp RESTful API concept.
- Developed the IQRA application according to user requests for additional features using the Ionic framework for application development.
- Created REST APIs for the CT ARSA event notification feature using the cloud messaging concept.
- Successfully deployed the IQRA application to the Google Play Store, managing updates, bug fixes, and maintenance to ensure consistent user satisfaction and app reliability.
- Played a key role as a system analyst & developer for the coupon lottery website at the RAKERNAS KEMENKES event, utilizing CodeIgniter 3, which contributed to the event's digital engagement and operational success.

## Capstone Project Leader Data Analytics & Software Engineer

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RevoU

Aug 2023 - Jan 2024

Software Engineer - NEWS Portal Capstone Project

- Coobtaining analysis results from appropriate raw data so that insights and recommendations can be implemented.
- created a restful api program for post and get api so that it can be fetched on the front end usidinate the team regarding the requirements needed from the news portal, organize the web workflow and then distribute job desks to carry out the development process.
- deployment on the backend using railway and frontedend using github.io so that the website becomes more effective in terms of upcoming news.

## HIBAH DIKTI Project , Digital Handwritten Security System With SVM & Fisher Score Method

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Trisakti University

Mar 2022– Jun 2023

- Get the findings demonstrated that using the four best features suggested by the fisher score produced the best accuracy of 56% with learning rate parameter values of 0.005, 0.05, and 200 iterations. •
- Improve Interface design & responsive web.

## Skills

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- **Soft Skills:** Teamwork, Leadership, Analytical Thinking, Adaptability, Public Speaking, Problem Solving, Remo: Teamwork, Analytical Skills.
- **Software:** Git, Vercel, Figma, Postman, Microsoft Office (Word, Excel, Power Point, Project), Netbeans IDI VSCode, Google Colab, Jupyter Notebook, Android Studio, Tableau, Figma, Visual Studio, Heidi sql, Filezil client, Postman, Docker, Kubernetes.
- **Web Programming :** HTML,CSS,PHP, Javascript, Python, Java,React.js, Next.js, JavaScript (ES6+), HTML CSS3, Laravel, Code Igniter.
- **AI Integration:** Natural Language Processing (NLP), Ollama Model
- **Android:** Java, Kotlin,Typescript, SCSS, Ionic Framework.
- **Database:** MySQL, MongoDB, POSTGRESQL, Apache Kafka.
- **Data analyst:** Python, R, Looker Studio.
- **Languages:** Bahasa Indonesia (Native), English (Fluent)