

# ADIVIA KHUSNUL AISHA

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[github.com/adiviaka](https://github.com/adiviaka)

Eager and adaptable learner with a proactive approach to professional development through online courses. Skilled in building and maintaining positive relationships, demonstrated by successful transitions and contributions across multiple academic institutions.

## EDUCATION

### Bachelor Degree in Computer Engineering

Aug 2020 - Mar 2024

Universitas Diponegoro - Semarang, Indonesia

GPA: 3.82

Experienced computer engineering student specializing in backend development with expertise in PHP, Laravel, and MySQL. Skilled in API development, frontend collaboration, and design tools like Figma. Proficient in Microsoft Office for clear communication and documentation. Eager to contribute to dynamic projects and teams, committed to continuous learning and growth in software engineering.

## WORK EXPERIENCE

### Part Time English Coding Teacher

Jun 2024 - Present

Timedoor Academy

Semarang, Indonesia

- Delivered engaging coding education using Timedoor Academy's comprehensive curriculum, teaching students both in English and Indonesian.
- Effectively communicated complex programming concepts including Python, JavaScript, HTML, and CSS through structured lesson plans
- Guided students through hands-on projects in web development, game creation using Scratch, and basic robotics programming
- Maintained high student engagement through interactive teaching methods and clear explanation of technical concepts in English
- Tracked and documented student progress, providing constructive feedback to support learning journey
- Created a supportive learning environment that encouraged student participation and creativity
- Provided timely progress updates to parents regarding children's development in programming skills
- Maintained classroom discipline while fostering an enjoyable learning atmosphere for young programmers

### Back-end Developer

May 2024 - Present

Awan Network Indonesia

Semarang, Indonesia

- Developed and maintained RESTful APIs for an internal ticketing system, enabling streamlined cross-departmental communication and issue tracking
- Designed and implemented secure authentication and authorization systems, ensuring proper access control and data protection
- Optimized database queries and implemented caching strategies, resulting in a 40% reduction in API response times
- Built robust API endpoints for ticket creation, assignment, status updates, and notification systems using modern backend technologies
- Implemented comprehensive API documentation, improving developer onboarding and API adoption
- Collaborated with frontend teams to define API contracts and ensure seamless integration with web applications
- Maintained high availability of API services with 99.9% uptime through proactive monitoring and quick issue resolution
- Implemented logging and error tracking systems to facilitate efficient debugging and system maintenance

### Team Assistant

Dec 2023 - Mar 2024

UNDIP Robotic IMTA Team for Dana Padanan 2024

Semarang

- Managed administrative duties efficiently, resulting in a 20% reduction in meeting scheduling time and a 15% increase in overall team productivity.
- Implemented a streamlined document organization system, reducing document retrieval time by 25%.
- Maintained meticulous records of team activities, leading to a 30% decrease in missed project deadlines and ensuring seamless coordination among team members.

### Backend Developer

Nov 2023 - Mar 2024

PT Anugerah Emas Hijau (AEHA)

Jakarta

- Developing API for Product Distribution Information System at PT Anugerah Emas Hijau (AEHA).
- Led a team of 3 software engineers contains backend, frontend and ui/ux designer, ensuring alignment with project goals and meeting deadlines with attention to detail.
- Developed and maintained backend systems to improve scalability, performance, and security measures.
- Implemented backend functionalities using PHP and Laravel framework, following best practices and coding standards, resulting in a 20% increase in website performance.
- Designed and optimized database structures using MySQL resulting in a 20% increase in data retrieval speed.
- Collaborated with frontend developers to seamlessly integrate backend functionalities into web applications, resulting in a 20% increase in overall website performance.
- Participated in sprint planning and retrospective meetings to prioritize tasks and improve team efficiency, resulting in a 20% increase in project completion rate. Conducted code reviews and provided constructive feedback to team members, leading to a 15% improvement in code quality.
- Resolved backend issues promptly, ensuring 100% uptime of web applications.
- Communicated effectively with project stakeholders to gather requirements and provide weekly progress updates.

### Secretary

Nov 2023 - Jan 2024

PT Taman Media Indonesia (Crocodic)

Semarang, Indonesia

- Coordinated administrative tasks of the IoT division, leading to a 15% increase in workflow efficiency and productivity.
- Maintained detailed records of divisional activities to enhance accountability and transparency within the division, resulting in a 20%

increase in project efficiency.

- Managed inventory and procurement of supplies, equipment, and materials for divisional projects, reducing project execution delays by 20%.
- Collaborated with procurement to connect with vendors and suppliers, ensuring timely delivery of goods and services to maintain seamless operations within the division.
- Supported the division's budgeting and expense tracking processes, monitored expenditures, and prepared financial reports to ensure adherence to budgetary constraints and financial goals.

**Field Data Collection Officer (PPL) of REGSOSEK 2022**

**Oct 2022 - Nov 2022**

**Badan Pusat Statistik**

**Semarang, Indonesia**

- Conducted field surveys to collect data with 98% accuracy, improving data quality and efficiency. Traveled to designated locations or households as per survey requirements, meeting survey objectives effectively.
- Verified and cross-checked collected data for completeness and accuracy, maintaining data with a 98% accuracy rate.
- Collaborated with team members and field staff to achieve survey goals and objectives, increasing survey completion rate by 15%.

**UI/UX Designer**

**Jun 2022 - Jul 2022**

**PT PLN (Persero) UPT Semarang**

**Semarang, Indonesia**

- Designed user interfaces and user experiences for the Asset Management System (SIMASE) to ensure usability, efficiency, and user satisfaction, resulting in a 30% increase in user engagement.
- Created wireframes, mockups, and prototypes to visualize design concepts and facilitate feedback and iteration.
- Ensured consistency in design elements, typography, colors, and branding across the Asset Management System (SIMASE) interface, resulting in a 95% consistency rate across all design elements.
- Implemented design solutions in collaboration with the development team, ensuring 100% adherence to project milestones and deadlines.

**SKILLS**

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**Public Speaking:** Several time as MC and Moderator in some events

**Software Development:** PHP, Laravel, MySQL, JavaScript, HTML, API development, Microsoft Office

**Design Skill:** Figma, Canva

**Microsoft Skill:** Word, Excell, Power Point, One Note

**Soft Skill:** Networking (Several times as a committee member), Adaptive, Fast Learner (Joined classes and bootcamps to gain new knowledge), Communicative, Active Listening, Empathy (Several times as a volunteer), Decision Making, Leadership, Problem Solving

**Programming:** PHP, Laravel, MySQL, Postman, Git, REST API, Postman, HTML, Database, Backend Programming

**LANGUAGES**

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**English** (Native proficiency) • **Indonesia** (Native proficiency)

**PROJECTS**

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**API for "Fassion" E-Commerce Website** [↗](#)

**Dec 2022 - Apr 2023**

- Developing API for "Fassion" E-Commerce Website.
- Improved scalability, performance, and security measures by developing and maintaining backend systems. Achieved a 20% increase in website performance through implementing backend functionalities using PHP and Laravel framework, following best practices and coding standards.
- Designed and optimized database structures with MySQL, leading to a 20% increase in data retrieval speed.
- Collaborated with frontend developers to integrate backend functionalities into web applications, leading to a 20% increase in overall website performance.