# Reyhan Nandita Al Zahra

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Reyhan Nandita Al Zahra | LinkedIn | Web Portofolio

## SUMMARY

Bachelor's Degree of Informatics Engineering from Universitas Negeri Semarang (State University of Semarang) 2025. Strong interest in Data Science, Artificial Intelligence, Machine Learning, Algorithm Analysis, Data Analysis, Big Data, and Web Programming. Skilled in developing data models, visualization, AI-driven solutions, and web applications. Experienced with handling structured and unstructured data, building predictive models, and creating efficient algorithms to solve complex problems. Strong problem-solving, analytical, and teamwork abilities with eagerness to learn and contribute to innovative projects.

## EDUCATION

**Universitas Negeri Semarang**                                                                                 *August 2021 - July 2025*
**Informatics Engineering | GPA: 3.74/4.00**
**Area of Interest: Data Science, AI Engineer, Web Developer.**
*Achievements*:
- Final Project (Bachelor Thesis): "Mango Leaf Disease Classification Using Feature Fusion of ResNet50V2 and EfficientNetV2."

## EXPERIENCE

**Diskominfo Kab Cirebon** - Cirebon                                                             *August 2024 - November 2024*
**Statistics, Encryption, and e-Government Internship**
- Developing a public satisfaction survey website within 3 months, which supports the collection of public feedback data.
- Assisting in processing over 150 statistical data used in reports and public satisfaction analysis.
- Contributing to the e-Government project, which reduces data processing time by up to 10%.

**MSIB Batch 6 at Celerates** - Jakarta                                                          *February 2024 - June 2024*
**Web Development UI/UX Design**
- Developed and launched 2 web application prototypes with 3 design iterations using LoFi and HiFi to ensure an optimal user experience.
- Implemented MySQL, Express.js, and React.js technologies in the project, resulting in a 20% reduction in development time compared to traditional methods.
- Managed the project using Scrum methodology, improving team efficiency by 25% in completing tasks within each sprint.

**PT Global Data Inspirasi** - Yogyakarta                                                       *August 2023 – January 2024*
**ML Engineer Internship**
- Improving the accuracy of object detection in the waste detection system to 95% through refinement of the YOLO v8 model.
- Reducing the model prediction execution time by 30% through algorithm optimization and appropriate parameter selection.
- Successfully completing over 10 bug fixing tasks and routine maintenance that significantly enhanced system stability and performance.

## ORGANIZATIONS

**IKAHASI SEMARANG** - Semarang                                                         *June 2022 – July 2023*

**Talent & Interests Division**
- Identify and map members interests through surveys, discussions, or observation. Identified and mapped members' interests through surveys, discussions, and observation, achieving an engagement rate of over 80%.
- Planned and executed activities including regular training, workshops, and internal/external competitions tailored to members' interests, resulting in a 25% increase in participation.
- Supported and facilitated talents by providing resources, coordinating events, and creating opportunities to showcase skills, leading to a 20% improvement in member performance visibility.

**Himpunan Mahasiswa Ilmu Komputer UNNES** - Semarang                   *February 2022 – January 2023*

**Secretary**
- Store, maintain, and systematize important archives while ensuring efficient planning, preparation, and maintenance of secretariat devices which increased efficiency by up to 15%.
- Manage and archive correspondence by preparing, delivering, recording, and ensuring proper documentation of all organizational communication with an accuracy rate of 98%.
- Coordinate secretariat activities across department secretaries, division secretaries, and underbow secretaries, ensuring accountability and proper documentation of meeting outcomes with 100% compliance in meeting records.

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## SKILLS

**Hard Skills**
- **Productivity & Collaboration:** Microsoft Office Suite (Word, Excel, PowerPoint) | Google Slides | Google Docs | Google Colab | Canva | Figma | VS Code | Jupyter Notebook.
- **Programming Languages:** Python | C++ | Java | PHP | JavaScript.
- **Data Science & ML Libraries:** Pandas | NumPy | Matplotlib | Seaborn | Plotly | Scikit-learn | TensorFlow | Keras | PyTorch | OpenCV.
- **Data & Database:** SQL | MySQL | PostgreSQL | MongoDB (NoSQL).
- **Development Tools:** Git/GitHub | Docker | REST API (FastAPI/Flask) | Kaggle.
- **Web Development:** HTML | CSS | React.js | Node.js | Laravel (PHP Framework).
- **Others:** Data Visualization | Machine Learning | Deep Learning | Computer Vision | MLOps Basics.

**Soft Skills**
- **Cognitive:** Analytical Skills | Critical Thinking | Problem Solving | Imagination | Curiosity | Open-Mindedness.
- **Interpersonal**: Communication | Teamwork | Collaboration | Adaptability (Flexibility).
- **Organizational**: Time Management | Organizational Skills | Project Management Basics.
- **Professional**: Continuous Learning | Attention to Detail | Resilience | Leadership Potential.

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## CERTIFICATION
- **Certification (2025):** Data Science Professional Certificate - **IBM**
- **Certification (2025):** Machine Learning Professional Certificate - **IBM**
- **Certification (2025):** Core Skills English Score - **British Coucil**
- **Certification (2024):** Internship Certificate  -  **Diskominfo Kab Cirebon**
- **Certification (2024):** Completion of MSIB Batch 6 (Independent Study) - **PT Mitra Talenta Grup**
- **Certification (2024):** Internship Certificate - **PT Global Data Inspirasi** (Datains)
- **Certification (2022):** Java Fundamentals - **Oracle Academy**
- **Certification (2022):** CCNAv7: Introduction to Networks - **Cisco Networking Academy**
- **Certification (2021):** Paper Presenter at the 2021 National Seminar on Computer Science - **SNIK 2021**