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Recent Information Technology graduate specializing in Data Science and Text Mining. A Machine Learning practitioner with proven experience in building NLP clustering models. Uniquely combines deep analytical skills with graphic design expertise to deliver compelling, data-driven storytelling and actionable business insights.

PROJECT EXPERIENCE

Indonesian News Topic Modeling [🔗](#) 2025 – 2026

Thesis Project

- Engineered an end-to-end NLP pipeline using Python to process 100,000+ scraped news headlines, implementing custom domain-based stopwords to effectively eliminate journalistic noise.
- Developed an Agglomerative Hierarchical Clustering (AHC) model and deployed the interactive web application on Google Cloud Run utilizing the Django framework, HTML, and CSS.

HaloHati - Microsoft ElevAlte Hackathon 05/2025 – 06/2025

Hackathon Project

- Deployed and integrated the web front-end application onto Azure App Service, establishing seamless connectivity with Azure AI backend services.
- Collaborated in a fast-paced hackathon setting to design and integrate full-stack web solutions seamlessly.

Data & Software Engineering 08/2023 – 12/2023

RevoU Capstones

- Data Analysis:** Executed comprehensive data cleaning and preprocessing tasks utilizing Microsoft Excel and Google Sheets, streamlining workflows for complex analytical objectives.
- Software Engineering:** Spearheaded a cross-functional team as Team Leader, overseeing UI/UX prototyping in Figma and managing the end-to-end web development execution using foundational HTML, CSS, and JavaScript.

EDUCATION

Udayana University 08/2021 – 04/2026

Bachelor of Information Technology, Data Science
Concentration (GPA: 3.67)

Relevant Coursework: Statistics, Data Analytics and Visualization, Data Science Programming, Data Mining, Machine Learning, Deep Learning, Computer Vision, and Web Application Development.

RevoU 08/2023 – 12/2023

MSIB Batch 5 - Data & Software Engineering (Grade 92/100)

Mastered core competencies in data analytics and software engineering, focusing on advanced SQL implementations, Microsoft Excel data modeling, Google Looker Studio dashboards, and full-stack web development fundamentals.

CERTIFICATIONS & AWARDS

Microsoft ElevAlte – Digital Talent Scholarship [🔗](#)

Successfully completed an intensive, multi-tiered AI learning path encompassing Micro Skills, AI Beginner, AI Intermediate, AI Advanced, and the AI Hackathon.

- Technical Focus:** Artificial Intelligence, Microsoft Azure, Computer Vision, Natural Language Processing (NLP), Project Management, and Front-End Development.

1st Place Winner – National Infographic Competition (PSYCOFEST)

BEM Psikologi Universitas Jayabaya [🔗](#)

- Designed a research-based infographic on "Technostress," synthesizing credible sources to visually present psychological impacts and actionable solutions for digital well-being.

SKILLS

Data Science & Engineering: Python, Streamlit, Django, Microsoft Excel, Google Sheets, Microsoft Azure,

Cloud & Deployment: Google Cloud, **Design & Visualization:** Figma, Canva, Adobe Photoshop, Lightroom