

# Wilson Prajnawira

Jakarta Utara, Indonesia | +62 821-2545-5105 |  
[wilson.prajnawira@binus.ac.id](mailto:wilson.prajnawira@binus.ac.id) | [linkedin.com/in/wilson-prajnawira/](https://www.linkedin.com/in/wilson-prajnawira/)

## PROFILE SUMMARY

Hello I'm Wilson Prajnawira. I am a full-stack developer with over one year of experience building full-stack websites using ReactJS, Tailwind CSS, FastAPI, ASP.NET, and databases such as MySQL and PostgreSQL. I am currently expanding my knowledge in AI by integrating large language models (LLMs) into systems using LangChain. I am currently enrolled in a fast-track master's program to advance my knowledge of AI.

## SKILLS

- |              |           |              |
|--------------|-----------|--------------|
| • JavaScript | • ReactJS | • Langchain  |
| • C#         | • ASP.NET | • Tensorflow |
| • Python     | • FastAPI | • Pytorch    |

## WORKING EXPERIENCE

### PT Inspiro, January 2026 – July 2026

Back End Developer

- Backend Architecture:** Developing a RESTful API using ASP.NET Core 8 by strictly applying Clean Architecture principles, to ensure a highly maintainable codebase with well-separated components that effectively support internal business systems.
- Continuous Integration/Continuous Deployment (CI/CD):** Utilized Jenkins to manage and automate continuous integration and deployment pipelines, streamlining build workflows and ensuring reliable, consistent application releases across development environments.
- Collaboration:** Partnered closely with cross-functional teams (frontend, QA, and DevOps) throughout the software development lifecycle to troubleshoot technical issues, optimize system integrations, and guarantee a smooth production delivery.

## PROJECT EXPERIENCE

### DocuSwift (Personal Project), June 2026 – July 2026

Full-Stack | ReactJS, FastAPI, and LangChain

- RAG Pipeline & AI Integration:** Designing a Retrieval-Augmented Generation (RAG) workflow using FastAPI and LangChain, integrating PgVector for efficient semantic search and the Groq API (Llama-3/OpenAI) for fast, context-aware LLM responses.
- Frontend & User Experience:** Developed a responsive interface using ReactJS and TailwindCSS, empowering users to seamlessly upload documents, configure custom AI prompts, and interact with chatbots.
- System Architecture & Data Management:** Built a client-server architecture utilizing PostgreSQL for robust data persistence and Cloudinary for document storage, ensuring modularity and efficient data retrieval.
- Authentication & Security:** Implemented secure user authentication and session management using JSON Web Token (JWT) tokens to safeguard user accounts, document access, and personalized chatbot configurations.
- URL:** <https://www.docuswift.online>

### HISHOT 2025 Website (Organization Project), April 2025 – May 2025

Front End Developer | ReactJS and Tailwind CSS

- Component Development:** Develop an interactive and responsive FAQ section using ReactJS and Tailwind CSS, ensuring a clean layout and smooth user navigation to answer participants questions.
- Collaborative Development:** Worked closely with a 7-person frontend development team to collaboratively develop and integrate the core modules of the event website, while ensuring stylistic consistency and seamless component integration.
- Project Impact:** Contributed to the successful delivery of the event platform, which presented comprehensive schedules and successfully accommodated over 150 participant registrations.

## EDUCATION

### Bina Nusantara University

Computer Science

- GPA 3.51/4.00
- Mastering Algorithms and data structures, Logic and basic programming, OOP, Exploratory Data Analysis (EDA), Data Preprocessing & Feature Engineering, Machine Learning Algorithms, Model Evaluation & Optimization.

## CERTIFICATION

### Building Conversational AI Applications, Nvidia Deep Learning Institute (August 2025)

- Key Skills:** Conversational AI pipelines, Automatic Speech Recognition (ASR), Text-to-Speech (TTS), and Intelligent Virtual Assistants deployment.
- Credential ID:** jeUgYmQlSVaCyfOdLnUw1A
- URL:** <https://learn.nvidia.com/certificates?id=jeUgYmQlSVaCyfOdLnUw1A>

### Building LLM Applications with Prompt Engineering, Nvidia Deep Learning Institute (December 2025)

- Key Skills:** Prompt Design & Optimization, Large Language Models (LLMs) integration, Context Engineering, and AI Orchestration.
- Credential ID:** bMBJa-IZT00HXVmwxnJfkA
- URL:** <https://learn.nvidia.com/certificates?id=bMBJa-IZT00HXVmwxnJfkA>

#### **Introduction to Deep Learning & Neural Networks with Keras, IBM (March 2026)**

- **Key Skills:** Deep learning foundational concepts, neural networks for regression and classification, Keras library implementation, and model performance metrics.
- **Credential ID:** A8CL7NJTTA6X
- **URL:** <https://www.coursera.org/account/accomplishments/verify/A8CL7NJTTA6X>

#### **Introduction to Neural Networks and PyTorch, IBM (March 2026)**

- **Key Skills:** PyTorch core tools (autograd and DataLoader), linear regression modeling, gradient descent optimization, and cross-entropy loss classification.
- **Credential ID:** PYHURYQJYXK8
- **URL:** <https://www.coursera.org/account/accomplishments/verify/PYHURYQJYXK8>

#### **Deep Learning with Keras and Tensorflow, IBM (March 2026)**

- **Key Skills:** Custom Keras layers development, TensorFlow 2.x integration, advanced Convolutional Neural Networks (CNNs), Transformer models, and Deep Q-Networks (DQNs).
- **Credential ID:** W1S9TF4K9UXC
- **URL:** <https://www.coursera.org/account/accomplishments/verify/W1S9TF4K9UXC>

#### **Deep Learning with PyTorch, IBM (March 2026)**

- **Key Skills:** Shallow and deep neural networks, Softmax regression for multi-class problems, dropout regularization, and Convolutional Neural Networks (CNN)
- **Credential ID:** IN5EXN048600
- **URL:** <https://www.coursera.org/account/accomplishments/verify/IN5EXN048600>

#### **AI Capstone Project with Deep Learning, IBM (March 2026)**

- **Key Skills:** End-to-end deep learning pipeline design, data augmentation and loading, Convolutional Neural Networks (CNN) and Vision Transformers (ViT) application, and model validation.
- **Credential ID:** UJN152YYEIJX
- **URL:** <https://www.coursera.org/account/accomplishments/verify/UJN152YYEIJX>

#### **IBM Deep Learning with PyTorch, Keras and Tensorflow (Professional Certificate), IBM (March 2026)**

- **Key Skills:** Multi-framework deep learning development, Natural Language Processing (NLP), Recommendation Systems, and advanced neural network architectures orchestration.
- **Credential ID:** EJYAXPAVRFZZ
- **URL:** <https://www.coursera.org/account/accomplishments/professional-cert/certificate/EJYAXPAVRFZZ>

#### **Generative AI and LLMs: Architecture and Data Preparation, IBM (April 2026)**

- **Key Skills:** Generative AI architectures (VAEs, GANs, and Diffusion models), Large Language Models (GPT, BERT, T5), text tokenization (NLTK, spaCy), and NLP data loading pipelines.
- **Credential ID:** JG7J08WFT845
- **URL:** <https://www.coursera.org/account/accomplishments/verify/JG7J08WFT845>

#### **Gen AI Foundational Models for NLP & Language Understanding, IBM (April 2026)**

- **Key Skills:** Text embedding techniques (Word2Vec, Bag-of-Words), sequence-to-sequence models, encoder-decoder RNNs for machine translation, and statistical language modeling.
- **Credential ID:** SJJ9H847AKSG
- **URL:** <https://www.coursera.org/account/accomplishments/verify/SJJ9H847AKSG>