

# Raihan Nooriman

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## Summary

Accomplished software developer with comprehensive expertise in front-end and back-end technologies. Proficient in front-end development using React, React Native, Tailwind, JavaScript, Next.js, and TypeScript. Skilled in back-end development with Go, Python, Node.js, NoSQL, Prisma, and MongoDB. Recognized for exceptional problem-solving abilities, strong research capabilities, and collaboration. Dedicated to leveraging technical proficiency and experience to drive the development of innovative software solutions in a challenging role.

## Technical Skills

**Front End:** React, React Native, JavaScript, TypeScript, Tailwind CSS, Next.js

**Back End:** Go, Python, Node.js, NoSQL (MongoDB), Prisma ORM

**Data Science:** NumPy, Pandas, R, Google Sheets

**Libraries & Tools:** Git, Docker, Neovim, Linux

## Projects

### Image Captioning System

Jan 2023 – Present

*Deep Learning Project*

*Python, TensorFlow, OpenCV*

- Developed an end-to-end system for generating descriptive captions for images
- Utilized CNN and LSTM models for image feature extraction and caption generation
- Achieved state-of-the-art performance on the COCO dataset

### Sentiment Analysis API

Aug 2022 – Dec 2022

*Natural Language Processing*

*Python, Flask, NLTK, Hugging Face*

- Built a RESTful API for sentiment analysis of text data
- Implemented pre-trained transformer models using Hugging Face
- Deployed the API on a cloud platform for easy integration

## Publication

### AI Research Intern

June 2022 – Aug 2022

*DeepMind*

*London, UK*

- Conducted research on reinforcement learning algorithms for robotics
- Implemented and evaluated deep RL models using PyTorch and RLlib
- Presented findings at weekly research meetings

### Machine Learning Engineer

Jan 2021 – May 2022

*Acme AI Solutions*

*San Francisco, CA*

- Developed and deployed machine learning models for various industries

- Optimized model performance and ensured data quality
- Collaborated with cross-functional teams to deliver AI solutions

## Education

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**Universitas Lambung Mangkurat**  
*S.Mat. in Mathematics, Algebra*

Banjarbaru, Kalimantan Selatan  
*Aug 2018 – Aug 2022*

## Certifications

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- Synrgy Academy By Binar & BCA - Fullstack Web Developer