

# CHRIS JOHN REX PAJAL

CONTACTS

FULL STACK DEVELOPER

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## Summary

Highly motivated and results-oriented Computer Science graduate with a strong interest in web development, cybersecurity, and database security. Seeking an opportunity in these fields to leverage my skills and experience in backend development and machine learning.

## Skills

### Image Processing

Python  
TensorFlow  
NumPy  
Matplotlib  
Keras

### Frontend

JavaScript  
TypeScript  
Tailwind CSS  
Vue JS  
React JS  
Next JS

### Backend

Node JS  
FastAPI  
Flask  
MySQL  
PostgreSQL  
Vercel serverless  
Xampp

### Tools & Libraries

AWS  
Bash / Shell Scripting  
Digital Ocean  
Git / GitHub  
Figma  
Frappe / ERPNext  
Notion  
Vercel  
VSCode

## Work Experience

### Full Stack Developer

Jan 2025 – June 2025

Designed advanced AI agents to analyze and summarize crypto market data for strategic insights, and developed six high-availability React web systems with robust emergency protocols. Engineered AWS and Digital Ocean to deployed web servers, and developed custom Discord bots to streamline communications and enhance global collaboration.

### Junior Web Developer - Intern

Jun 2024 – Nov 2024

*Wela School Systems / Cagayan De Oro*

Enhanced the school forms of a school management system using Frappe framework for efficient operations. Created efficient Frappe web pages with Python, enhancing functionality and user experience of the system.

## Projects

### Abaca Fiber Grade Image Classification using Supervised and Unsupervised Machine Learning

#### Link

Developed a classifier model to predict abaca fiber grade using VGGNet CNN architecture for supervised learning and K-means Clustering with Grid Search and Random Forest Classifier for unsupervised learning model. Achieved 91% accuracy with supervised learning (VGGNet CNN) and 97% accuracy with an unsupervised model (K-Means clustering - Random Forest Classifier).

### JobMatch Analyzer

#### GitHub | Link

Developed a resume analyzer web application using React JS with Flask to evaluate resume of users' compatibility with the specific job description. It uses Google Gemini AI API to use Natural Language Processing (NLP) to generate tailored insights to enhance their chances of securing employment.

## Certificates

### Google Cybersecurity Specialization

Google

## Education

### Visayas State University (VSU) – Main Campus

BS in Computer Science S.Y 2024 – 2025

