

# Froillan Kim B. Edem

## SOFTWARE ENGINEER

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Student at the University of Cebu - Main with extensive hands-on experience in full-stack development, cloud infrastructure, and AI integration. Proven ability to design, develop, and deploy scalable applications using modern frameworks and cloud platforms. Skilled in microservices architecture, DevOps pipelines, and cross-platform mobile development with Flutter. Strong passion for building impactful, production-grade systems that merge technology and real-world needs.

## Skills

- Programming Languages: Python, TypeScript, JavaScript, Dart, C#
- Frontend: React, Flutter, Angular, HTML5, CSS3
- Backend: Django, Flask, FastAPI, Express.js, .NET
- Databases: PostgreSQL, MySQL, SQLite, Firestore, Redis
- Cloud & DevOps: AWS, GCP, Azure, Kubernetes, Docker, Git, NGINX, Firebase, CI/CD pipelines
- Other: System Architecture, JWT Authentication, API Development, Microservices

## Education

BACHELOR OF SCIENCE IN INFORMATION  
TECHNOLOGY (BSIT)

University of Cebu - Main

## Project

### FACEOFMIND

AI-Powered Mental Health Companion

Developed an AI-driven mental health application integrating facial & voice emotion recognition, mood tracking, gamification, and crisis alerts. Built with Flutter (mobile), React (admin & psychologist dashboards), .NET C# Web API (backend), Flask (AI services), and multi-database setup (PostgreSQL, Azure SQL, Firebase). Deployed on Google Cloud Run with Redis caching and CI/CD pipelines. Integrated secure payment processing, OAuth, and real-time data synchronization.