

CALVIN ANGGRIADY

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ABOUT ME

Highly motivated Computer Science student experienced in building cross-platform and native applications. Proficient in developing RESTful APIs using Node.js. Eager to contribute and further develop skills in a dynamic software development environment.

EDUCATION

SMAK Rajawali Makassar – Makassar, Indonesia
Science Major

July 2020 – May 2023

Binus University – Jakarta, Indonesia
Bachelor of Computer Science (In Progress)

August 2023 - 2027
GPA: 3.88/4.00

TECHNICAL SKILLS

Programming Languages: JavaScript, Kotlin, C/C++, Dart, Java, Swift, Python, C#

Mobile Development: Android Studio, Flutter, React Native, Unity (AR/VR)

Web Technologies: HTML, CSS, Node.js, Express.js, Hapi.js, RESTful APIs

Databases: MySQL, MongoDB, SQLite, PostgreSQL

Tools & Platforms: Git, Postman, Figma, Cisco Networking, XAMPP, Vuforia, GitHub Actions, AWS

EXPERIENCE

Contestant

ICPC - International Collegiate Programming Contest

October 2024 – October 2024

- Collaborated in a team to analyze and solve a series of complex algorithmic problems.
- Applied data structures algorithms to design efficient solutions.
- Developed problem-solving strategies and debugged code in a competitive environment.

PROJECTS

Video Tape Store App

2024

Flutter, Node.js, Express, MySQL

- Built a complete e-commerce platform for a video rental service
- Built an admin dashboard and a customer-side mobile app
- Created a RESTful API to handle all CRUD actions

M'Organs - Augmented Reality Educational App

2024

Unity, Vuforia, C#, Android

- Constructed an AR app for educating users on human anatomy
- Implemented marker-based AR tracking with Vuforia
- Deployed to mobile platforms with interactive 3D organ visualization

Store Management App

2025

React Native Windows, Node.js, MySQL

- Developed a desktop app for inventory stock management
- Built a RESTful API to manage data
- Implemented full Create, Read, Update, and Delete (CRUD) functionality

Eira ChatBot - Mental Health Chat Application

2025

React Native + Expo, MongoDB, Gemini AI API

- Built a cross-platform mental health app with AI-powered conversations
- Implemented user authentication, real-time chat, and AI response system
- Integrated Gemini Flash 2.0 API for intelligent mental health assistance

Dojo Movie - Movie Rental Mobile App

2025

Kotlin, Google Maps API, SQLite

- Built comprehensive movie rental app with location-based services
- Features: OTP authentication, Google Maps integration, transaction history

- Used SQLite for local database storage and offline capabilities

NomNom – Food Recipe App

2025

Kotlin, Jetpack Compose

- Built a native Android food nutrition app with Kotlin
- Developed a declarative UI from scratch using Jetpack Compose
- Integrated FatSecret API with Retrofit and OAuth

ACHIEVEMENTS

- **Menjadi Back-End Developer Expert (Dicoding)** - Completed training to build testable, scalable, secure, and easily deployable RESTful APIs by applying clean architecture, automation testing, and CI/CD.
- **Belajar Fundamental Back-End dengan JavaScript (Dicoding)** - Successfully created a RESTful API implementing databases (PostgreSQL), authentication, message brokers (RabbitMQ), storage (Amazon S3), and caching (Redis).
- **Menjadi Node.js Application Developer (Dicoding)** - Able to build applications utilizing Node.js core technologies, including asynchronous control flow, event system, streams, and unit testing.
- **Architecting on AWS (Dicoding)** - Capable of building cloud architectures on AWS by applying best practices for services such as computing, databases, networking, and automation.
- **Belajar Back-End Pemula dengan JavaScript (Dicoding)** - Able to create and deploy a simple RESTful API using Node.js and Amazon EC2.
- **Belajar Dasar Pemrograman JavaScript (Dicoding)** - Mastered the fundamentals of JavaScript for web development, including syntax, data structures, OOP, functional programming, and asynchronous processes.
- **Belajar Dasar Cloud dan Gen AI di AWS (Dicoding)** - Understood the basic concepts of AWS Cloud, including various services, global infrastructure, computing, databases, and generative AI.
- **C++ Dasar (Skilvul)** - Successfully completed foundational training in the C++ programming language.
- **Intro to Machine Learning (Kaggle)** - Understood the machine learning workflow, from data exploration and model validation to handling underfitting/overfitting and implementing the Random Forests algorithm.
- **Computer Vision (Kaggle)** - Learned to develop computer vision models using Keras, covering fundamental convnet concepts like Convolution, ReLU, Pooling, and Data Augmentation.

ADDITIONAL SKILLS

- **Languages:** Indonesian (Native), English (Professional Working Proficiency)
- **Soft Skills:** Problem-solving, Time Management, Project Management, Technical Documentation
- **Interests:** DevOps, Cloud Computing, Machine Learning, Computer Vision