

# Gabriel Bulosan

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## EDUCATION

**Bachelor of Science, Computer Science**

**Spring 2025**

*California State University, Fullerton*

## TECHNICAL SKILLS

- **Languages:** C++, Python, Java, HTML, CSS, JavaScript, Swift
- **Frameworks:** Flask, FastAPI
- **Database Management:** MySQL, MongoDB
- **Operating Systems:** Windows, Mac
- **IDEs:** Visual Studio, BlueJ, Visual Studio Code, Replit
- **Other:** Github

## PROJECTS

### Budget Buddy

*Technologies: SwiftUI, Firebase*

- Developed an iOS app, "Budget Buddy," serving as a comprehensive monthly budget planner and expense tracker.
- Designed and implemented an intuitive user interface for seamless budget management
- Integrated Firebase to enable real-time data synchronization and storage

### Cloud Service Access Management System

*Technologies: Python, FastAPI, MySQL*

- Designed and implemented a scalable system for managing user subscriptions and service access with role-based permissions.
- Integrated MySQL databases using SQLAlchemy for efficient data storage and retrieval across multiple tables.
- Implemented background tasks in FastAPI to handle asynchronous operations.

### File Upload Service API

*Technologies: Python, Flask, MySQL*

- Implemented secure token-based authentication (JWT) to ensure proper access control for uploading and viewing files.

## RELATED COURSES

Data Structures and Algorithms

Front-End Web Development

Software Design

Files Structures and Databases

Back-End Web Development

Software Engineering