

Jeevan P Rai

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EXPERIENCE AND PROJECTS

Software Engineer

2023 – Present

Tayana Mobility Technologies

Bangalore, IN

- Developing a self-care app for Bhutan Telecom with customizable screens and functions for prepaid, postpaid, and broadband users to assist in managing data pack validity and other tasks, improving efficiency by 80% compared to the previous Cordova app.
- Engineered an Express.js API to serve customizable JSON pages, enabling real-time updates and reducing manual updates by 50%.
- Engineered a state-of-the-art Mobile Financial Service (MFS) application for a client in the Maldives using Flutter for both Android and iOS. This led to a 40% increase in client transactions, achieved by creating customizable screens through `json_dynamic_widget` integration.
 - * Android app URL: <https://play.google.com/store/apps/details?id=mv.com.dhiraagu.app&hl=en&gl=US>
 - * iOS app URL: <https://apps.apple.com/us/app/dhiraagu/id1266241371>
- Architected a strong Spring Boot solution for the Seychelles client to automate charging for roaming services. Effectively utilized the `jDiameter` open-source library, which reduced error rates by 40% and improved accuracy.

Full-Stack web/App developer

2022 – 2023

ANASOFT

Sullia, IN

- Online Examination Platform
 - * Built an examination portal for the Dr. KVG scholarship, meeting KVGCE's requirements and making exam conduct 75% easier.
 - * Successfully implemented a system for conducting online examinations at two colleges. In total, over 600 students registered and took the online exams at each college.
 - * The system was developed using Python Flask and MySQL, and it was hosted on a Digital Ocean server with NGINX serving as a reverse proxy. In addition, Implemented face recognition and tracking for monitoring, achieving an 80% trust score accuracy.
- Contributed to the blog website for KVG College of Engineering. Also worked on a static website for Adeeshwaraswami Basadi and Madhuri Honey, which improved marketing by 50%.
- Built an Academic Management System for a college and a school using PHP and MySQL. It handles all academic activities, calendars, and timetables, making academic management 60% easier and faster.

ACADEMIC PROJECTS

E-Commerce application

KVG COLLEGE OF ENGINEERING

- Developed an e-commerce application using Python Flask and MySQL, ensuring a simple user interface and easy navigation, making options 70% more accessible than other e-commerce applications.

ACHIEVEMENTS

fetch_pages package

Flutter

- Recently published a Flutter package, `fetch_pages`, on `pub.dev`. This package enables you to retrieve pages from JSON data stored on a server, cache the data for offline access, and display the pages using the `json_dynamic_widget`. Also introduced the `RenderPage` widget with the v0.1.2 update to enhance JSON page rendering in Flutter apps.

TECHNICAL SKILLS

Languages: Dart, Java, JavaScript, HTML/CSS, SQL, Python, C/C++

Frameworks and API: Flutter, Spring-Boot, Express.js, Node.js, React, Flask, GraphQL

Developer Tools and Database: AWS, Git, Docker, Google Cloud Platform, MySQL, PostgreSQL, MongoDB

EDUCATION

KVG College of Engineering

B.E. Computer Science and Engineering

Sullia, IN

2019 – 2023