JEEVAN P RAI

I am an enthusiastic programmer, deeply interested in programming, web/app development, and problem-solving. Curious about assimilating new ideas efficiently and longing to accord to the future of tech, "The Metaverse".

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EXPERIENCE

Software Engineer

Tayana Mobility Technologies   May 2023 - Present

- Charging Module for Roaming
  - Spring boot application
  - Spring boot application that handles charging for the roaming requests from the client, uses jDiameter open-source library.

- Dhiraagu Pay
  - Flutter application
  - Built an MFS application with flutter using the Perl APIs, and used json_dynamic_widget to make the screens dynamic.

- API
  - Express JS
  - Built an express API that returns JSON pages from the folder requested, implementing methods to create the dynamic functionalities.

Web/App Development Intern

ANASOFT sullia, India   Jan 2022 - May 2023

- Worked on an Android application for KVG AJPUC, Sullia that helped speed up the college curriculums by 75%, Developed a web-based school/college automation system for KVG AJPUC and KVG IPS, Sullia.
- Contributed to building a static website for Adeeshwaraswami Basadi.
- Contributed to blog website for KVG College of Engineering

Built an Examination Portal

for **KVG College of Engineering**   April - June (2022)

- Built an Examination portal for Dr. KVG scholarship per the requirements given by KVGCE.
- Over 543 students have registered and attended the Mock Test
- Due to the inefficient registration system, around 200 students couldn't attend the mock test so the portal was withheld.
- Upgraded the system for the next year 2023 and implemented it for conducting online examinations at 2 colleges

ACADEMIC PROJECTS

Web based projects

E-Commerce Data Management system

- Developed an E-commerce platform demo where people can sell and buy products, with an increase in efficiency of 50%
- Used **Python Flask** framework to build the web application with **MySQL database.**

Examination Portal with proctoring

- Complete examination platform where School/College authority can conduct online examinations for students with AI proctoring.
- Added features like auto proctoring and live video monitoring of students, Right-click/Multi-tab disabled to avoid plagiarism.

SKILLS

FLUTTER   JAVA   Android Dev

SPRING BOOT   HTML   CSS   PHP

MySQL   MongoDB   FLASK

DJANGO   PYTHON   C   C++

POSITION OF RESPONSIBILITY

Technical Head of Code Arena

- Code Arena is a platform where enthusiastic programmers of the college execute their coding skills.
- Being a technical head my responsibility is to host coding events and provoke the interest of enthusiastic minds in our college

Technical Secretary of CENSA

- Computer Engineering Student Association (CENSA) is the student association through which all the programs for CS&E students
- Being a technical secretary my responsibility is to manage technical events conducted for the students

OTHER ACTIVITIES

- Explained the concepts of reverse proxy servers like Apache and NGINX to batch mates under CENSA.
- Received a certificate for Participating in TCS Code-Vita Season 10
- Received a certificate for finishing up the round in Coding Competition Code Jam 2021.
- Participated in the inter-college coding competition held at NMAM Institute of Technology, Karkala.

EDUCATION

- **Computer Science and Engineering | KVG College of Engineering, Sullia | Aug 2019 - Present (Expected July 2023)**
- **XII (NON-CBSE) | Nehru Memorial College, Sullia**