Vishnu Alachi

ASPIRING SOFTWARE ENGINEER | INNOVATIVE PROBLEM SOLVER

CONTACT

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EDUCATION

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING
2nd Year
GPA: 3.9
California Polytechnic University
Expected June 2027

SKILLS

Language: Java, Python, JavaScript, C, Typescript

Framework: React Native

Web Development Tool: HTML, CSS

OBJECTIVE

Motivated and hardworking individual looking for an internship opportunity to enhance software design and coding skills through exposure to real-world problems and mentorship.

RELEVANT COURSEWORK

Fundamentals of Computer Science, Introduction to Computing, Data Structures, Project based Object Oriented Programming and Design, Introduction to Computer Organization

EXPERIENCE

EXALTURE SOFTWARE LABS – Kochi, India

| **Software Development Intern** | March 2023 – May 2023 |

- Worked on debugging and refactoring anti-collision software for satellites using Python.
- Assisted in coding, mainly on machine learning aspect, of the satellite tracking project.
- Led a seminar on the importance of code efficiency and organization.

LEADERSHIP EXPERIENCE

CALPOLY SOUTH INDIAN CULTURAL CLUB – San Luis Obispo, CA

| **Marketing Director** | April 2024 – Present |

- Responsible for improving the social media presence of the club.
- Design and maintain club web pages.
- Leads marketing and promotional events.
- Foster collaborations with other campus organizations to enhance visibility and engagement.

THERUVORAM NGO – Kochi, India

| **Head of Social Media Outreach** | March 2022 – July 2022 |

- Designed the blog webpages for the Non-Profit organization.
- Authored bi-weekly blog posts and managed organization's social media activities.
- Edited and posted community awareness videos.

GLOBAL PUBLIC SCHOOL – Kochi, India

| **Science Department Student Head** | March 2022 – July 2022 |

- Organized the science competition for Cultural Competition.
- Developed multiple rounds of a virtual treasure hunt and implemented a system for schools across the county to participate online.
- Delegated tasks to team members and ensured their completion before the deadline.

TECHNICAL PROJECTS

| **Goal Tracking App** | August 2024 – Present |

- Developing a mobile application for tracking individual goals and progress.
- Created for personal use to track goals and tasks, and to learn mobile application development using React Native targeting iOS and Android with a single codebase.

| **Image Backup and Management Utility** | June 2024 – July 2024 |

- This was created to avoid running out of online storage space due to large number of photos being synched to cloud account.
- Utility will download photos from online storage, delete duplicates and categorize and store locally.
- Future enhancements include application of AI to categorize images and to allow searching photos locally based on different criteria.