AUGUSTINE SEBASTIAN

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SUMMARY

Equipped with strong problem-solving abilities, adaptability, and excellent communication skills, poised to contribute to team success and achieve positive results. Ready to tackle new challenges and advance organizational objectives with dedication and enthusiasm, leveraging a swift capacity to learn and apply new skills.

INTERNSHIP EXPERIENCE

TOADFLY TECHNOLOGIES, LLC   **Ernakulam, Kerala**
Intern   05/2023 - 05/2023
- Utilized version control systems like GIT effectively managing changes over time allowing for seamless collaboration among team members.
- Collaborated with software engineers to develop and test application procedures for system efficiency.
- Participated in agile development processes, effectively adapting to changing requirements while maintaining high-quality results.

RISS TECHNOLOGIES   **Ernakulam, Kerala**
Intern   01/2023 - 01/2023
- Collaborated with software engineers to develop and test application procedures for system efficiency.
- Developed user-friendly interfaces for seamless navigation and improved user experience.
- Documented development procedures, creating valuable reference materials for future projects or team members joining the team.

EDUCATION

AMAL JYOTHI COLLEGE OF ENGINEERING (AUTONOMOUS)   **Kottayam, India**
Integrated Masters of Computer Application | CGPA : 7.93   05/2020 - Present

ST. JOSEPH'S PUBLIC SCHOOL & JUNIOR COLLEGE   **Kottayam, India**
Senior Secondary Education | GPA : 9.4   04/2018 - 04/2020

GULF INDIAN HIGH SCHOOL, DUBAI   **Dubai, United Arab Emirates**
Higher Secondary Education | GPA : 7.3   04/2006 - 04/2018

ACHIEVEMENT

- Secured first prize in the Aurora'24 Hackathon conducted by Assumption College, Changanassery.
- Secured second prize in the SINOVA'24 Hackathon conducted by SCMS College, Kochi.
- Chosen to advance to the next level of the event organized by the Innovation Council at AJCE.
- Achieved an 8.5 band in IELTS (2020).
- Selected for the district level in the Young Innovators Program (YIP).
- Earned NPTEL certification in AI - Search Methods for Problem Solving.

INVOLVEMENTS

- Local Co-Lead - NASA Space Apps, Kanjirappally, Amal Jyothi College of Engineering (Autonomous)
- Deputy Chief Foss Ambassador, Amal Jyothi College of Engineering, FOSS-CELL AJCE
- GDG for Campus- Android Mentor, Amal Jyothi College of Engineering, Google Developer Group

PROJECTS

INTELLIHOME - HOME AUTOMATION SYSTEM

Flutter, Firebase, IOT

- Designing a smart home automation hub for easy device setup and control of various smart devices.
- Developing features for scheduling routines, creating custom scenes, and personalizing the user interface.
- Enabling remote management of smart home devices via app or web with real-time updates.

FLAMENCO - MUSIC STREAMING WEBSITE

PHP, MySQL, Docker

- Developed a full-stack music streaming app with a secure login, database, and user-friendly UI.
- Implemented features like browsing, searching, playlists, favorites, social sharing, and robust testing.
- Ensured system security and performance through encryption and Agile development.

MEDSYNTH - HOSPITAL MANAGEMENT SYSTEM

Python, Flask, MongoDB, Transformers, RoBERTa LLM

- Developed during SINOVA Hackathon '24, it is a unified medical system integrating patient data and appointment scheduling to enhance healthcare.
- Utilized machine learning for real-time disease outbreak detection based on patient symptoms.
- Coordinated a multidisciplinary team to create a scalable solution for India's healthcare needs.

RESCUENET - OFFL INE EMERGENCY COMMUNICATION SYSTEM

Flutter, Firebase, Flask, MeshNet, LoRa

- Developed during Aurora Hackathon '24, an offline emergency communication system for disaster scenarios.
- Built with Flask, Flutter, MeshNet, LoRa, and blockchain for secure, decentralized messaging and location sharing.
- Integrated RoBERTa LLM for offline voice commands and a lightweight DaisyUI/Tailwind CSS interface for easy navigation and resource sharing.

OPENSYNTH – OPEN-SOURCE COLLABORATION PLATFORM

PHP, MySQL, Bootstrap, jQuery

- Developed during the NASA Space Apps Challenge, OpenSynth facilitates collaboration among open-source contributors and creators.
- Created seamless project discovery and team matching features, allowing contributors to find projects aligned with their skills and interests.

SKILLS

Java • C/C++ • Python • JavaScript • HTML/CSS • PHP • R • SQL • Dart • AJAX • Bootstrap • Laravel
Django • WordPress • Flutter • Flask • Three.js • Tailwind CSS • GitHub • Docker • VS Code • Visual Studio
JQuery • Android Studio • Figma • UI/UX • Arduino • MongoDB