Augustine Sebastian

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PROFESSIONAL SUMMARY

Enthusiastic fresher with hands-on experience in web development and a strong foundation in Java, Python, and PHP. Skilled in building applications using Flutter and Firebase, I am passionate about creating seamless, user-friendly mobile experiences. Eager to contribute to impactful Android projects while continuously expanding my expertise in UI/UX design and mobile development. I thrive on turning innovative ideas into functional applications that enhance user engagement and satisfaction.

INTERNSHIP EXPERIENCE

Toadfly Technologies, LLC   **Ernakulam, Kerala**
Intern   *May 2023 - May 2023*
- Implemented new features with teams, boosting user engagement by 30% and earning positive stakeholder feedback.
- Optimized database queries, reducing response time by 15% and improving user experience.
- Analyzed and resolved 10 bugs in legacy code, increasing application performance by 20%.

RISS Technologies   **Ernakulam, Kerala**
Intern   *Jan 2023 - Jan 2023*
- Built efficient, scalable Django web apps (hands-on projects) & deepened Django expertise.
- Collaborated effectively & enhanced overall Django programming skills.
- Gained industry best practices for Django development through experienced mentors.

PROJECT EXPERIENCE

Flamenco -Music streaming website   **Jan 2023 - May 2024**
PHP, MySQL, Docker
- Developed a full-stack music streaming app with a secure login, database, and user-friendly UI.
- Implemented features like browsing, searching, personalized recommendations, playlists, favorites, social sharing, and robust testing.
- Ensured system security and performance through encryption and Agile development.

IntelliHome - Home Automation System   **Mar 2024 - Present**
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.

OPENSYNTH – NASA Space Apps Hackathon   **Oct 2023 - Oct 2023**
PHP , MySQL , Bootstrap , jQuery
- Developed during the NASA Space Apps Challenge, OpenSynth facilitates collaboration among open-source contributors and creators.
- Created features for seamless project discovery and team matching, allowing contributors to find projects aligned with their skills and interests.

RescueNet - Aurora Hackathon '24   **Sept 2024 - Sept 2024**
Flutter, Firebase, Flask, MeshNet, LoRa
- Developed RescueNet, 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.

Unified Medical System - SINOVA Hackathon '24   **Aug 2024 - Aug 2024**
Python, Flask, MongoDB, Transformers, RoBERTa LLM

- Developed a unified medical system integrating patient data and appointment scheduling to enhance healthcare in India.
- 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.

ACHIEVEMENT

Second Prize - SINOVA Hackathon '24   **Aug 2024**
Secured second prize in SINOVA '24 Hackathon conducted by SCMS College Muttom.

First Prize - Aurora Hackathon '24   **Sept 2024**
Secured first prize in Aurora 24 Hackathon conducted by Assumption College Changanassery.

NASA Space Apps Hackathon   **Oct 2023**
Participated in the NASA Space Apps Challenge 2023, an international hackathon conducted by NASA.

Smart India Hackathon 2023   **Aug 2023**
Chosen to advance to the next level of the event organized by the Innovation Council at AJCE

INVOLVEMENTS

Local Co-Lead - NASA Space Apps   **Jan 2024 - Oct 2024**
Amal Jyothi College of Engineering

Deputy Chief Foss Ambassador   **Jul 2023 - Present**
Amal Jyothi College of Engineering, FOSS-CELL AJCE

GDG - Android Mentor   **Sept 2024 - Present**
Amal Jyothi College of Engineering, Google Developer Group

EDUCATION AND CERTIFICATIONS

Amal Jyothi College   **Kottayam, Kerala**
Integrated Mca   *Graduation Date: Apr 2025*

AI -Search Methods For Problem Solving   **Oct 2023**
NPTEL

TECHNICAL SKILLS & INTERESTS

Languages: Java, C/C++, Python, JavaScript, HTML/CSS, PHP, R, SQL, Dart, AJAX, Bootstrap

Interests: Quantum Computing, UI/UX design

Frameworks: Laravel, Django, WordPress, Flutter

Developer Tools: Git, Docker, VS Code, Visual Studio, Google Cloud Platform, Andriod Studio, Figma