Alfred P Benjamin

B.Tech Computer Science & Engineering Student

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Kanjirappally, Kerala, India

About Me

Aspiring full-stack and Flutter developer in training, passionate about learning and building scalable, user-centric web and mobile applications. Currently gaining hands-on experience with React, Node.js, and Flutter projects, integrating cloud services, and developing end-to-end solutions for real-world challenges. Exploring IoT data integration and creating responsive, intuitive interfaces. A motivated team player, eager to collaborate, grow, and contribute to impactful technology initiatives while continuously expanding technical expertise.

Education

Amal Jyothi College of Engineering (Autonomous), Kottayam, India   *Aug 2022–Present*
B.Tech in Computer Science & Engineering (Expected May 2026) CGPA 8.36

St. Josephs Central School And Junior College, Mundakayam, India   *Jun 2020–May 2022*
Class XII, CBSE, Computer Science stream, 91.4% aggregate

St. Josephs Central School And Junior College, Mundakayam, India   *Jun 2019–May 2020*
Class X, CBSE, 92.2% aggregate

Experience

ChairPerson, ACM AJCE – *Amal Jyothi College of Engineering, Kanjirappally*

- Leading the technical team and overseeing the ACM student chapter at AJCE, driving initiatives, events, and innovation.

Flutter Developer – Part Time – *Agrowtein Labs, Startup Valley TBI, Kanjirappally*

- Developed Flutter applications to control and monitor IoT-based smart bulbs.
- Built Flutter frontend with a Node.js backend; deployed and managed the system on AWS..

Community Lead, BlankSpace Community – *Amal Jyothi, Kanjirappally*

- Led a technical community within the college and organized technical events.

Volunteer, AICTE IDEA Lab – *Amal Jyothi, Kanjirappally*

- Assisted in prototyping, lab coordination, and promoting student-led innovation.

Achievements & Leadership

- UST D3CODE Finalist Top 5 2025
- State Level ideathon YIP 7.0 Finalist ,Kerala StartUp Mission
- IES IDEATHON Winner, a state-level event.
- Hosted UXPLORE, a national-level event.
- Received Academic Excellence Award for being a subject topper (Class X).

Projects

Academic Projects

- **HealthLink**: Blockchain-based health data management system enabling secure storage and controlled access to patient records; built with React (JSX), Solidity, Node.js, and Supabase. (Mini project)
- **NeuroAssist**: Autism trigger analysis and support system that identifies sensory triggers and provides personalized interventions. (Main project)
- **WhatsApp Automation Tool**: Python-based application for automated messaging and chat management on WhatsApp. (Prepared for Python elective)

External Projects

- **Sigtron App**: IoT-based smart lighting system with a Node.js backend and Flutter UI.
- **SafeCommune**: Web platform connecting different transport systems, built with React, Node.js, and MongoDB.
- **Agrowtrack**: IoT-based farm automation dashboard built with Flutter, Node.js API, and hosted on AWS.

Technical Skills

Frontend:
HTML5, CSS3, JavaScript, React, Flutter,

Cloud & Tools:
Vercel, Git, Netlify

UI/Ux:
Figma

Backend & APIs:
Node.js, Express, Java, Python

Databases: MongoDB, Supabase

Hobbies & Interests

- Blockchain Development: Interested in designing decentralized applications (dApps) and exploring secure data management using smart contracts.
- Music: Enjoy listening to music.
- Travelling: Enjoy exploring new places.

References

Dr. Juby Mathew
HOD, Amal Jyothi College of Engineering (Autonomous)
jubymathew@amaljyothi.ac.in

Fabeela Ali Rawther
Assistant Professor, Amal Jyothi College (Autonomous)
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