

ASHBIN P A

✉ ashputhusseri@gmail.com

☎ +91 81378 40842

🌐 LinkedIn

📁 Portfolio

🐙 GitHub

EDUCATION

Cochin University of Science and Technology

Bachelor of Technology in Information Technology (CGPA-8.5)

2022 - 2026

Kerala, India

INTERNSHIPS

React Developer Intern | *PETAERA Technologies*

July 2025 – August 2025

- Designed and implemented a **React-based managerial dashboard module** to provide secure login, consolidated reports, shop-level insights, and efficient management across multiple service locations.
- Improved system stability and usability by resolving frontend issues, refactoring components, enhancing UI design, and incorporating user feedback to streamline workflows and overall system interaction.

Summer Research Fellow – ERP System | *IIT Palakkad*

May 2025 – July 2025

- Contributed to the frontend development of core ERP modules such as **FA Approval** and **Final Transcript**, using **Angular** and **Bootstrap**, under academic mentorship and aligned to institutional workflows.
- Integrated prebuilt utilities and custom design elements from the ERP toolkit to enhance responsiveness, maintain UI consistency, improve overall user interaction, and streamline component development process.

PROJECTS

ResQ – Emergency Alert & Communication System | React Native, Supabase, Twilio | GitHub

Sep 2025

- Built a silent SOS app with triple-tap alerts, integrating real-time location and emergency data via Twilio SMS for 4-second rapid response, enabling evidence uploads and instant authority action for crisis management.
- Developed an authority dashboard integrated with automated SMS, call, and notification services to ensure faster incident handling, evidence review, and improved communication reliability across emergency operations.

ClaimIt | React Native, Supabase | GitHub

Apr 2025

- Designed modular UI with real-time chat, camera access, and live location features to improve overall user experience through seamless navigation, responsive layouts, and optimized performance across all devices.
- Built a lost-and-found reporting workflow enabling users to report, claim, and verify items seamlessly online.

CareerBridge | Next.js, Tailwind CSS | GitHub

Apr 2025

- Built a job portal UI with resume parsing and job matching tailored for students and early professionals.
- Integrated real-time job alerts and personalized dashboards backed by dynamic APIs; a hackathon-winning solution that boosted platform usage by 30% through seamless and responsive UI optimization for students.

Vibhava Wrapped | Next.js, Tailwind CSS | GitHub

Mar 2025

- Developed UI for judges to log event insights and revisit vivid memories in a structured and elegant way.
- Enabled centralized access to event metrics and snapshots, adopted by 87% of judges, automating evaluations through QR-based scanning, improving accuracy, efficiency, and overall platform convenience and usability.

Ninte-Kadha | Next.js, Tailwind CSS | GitHub

Jan 2025

- Designed an interactive frontend that converts browsing patterns into creative storylines and digital memories.
- Deployed the platform within the college network, engaging 100+ users through creative digital storytelling.

TECHNICAL EXPERTISE

- Programming Languages:** TypeScript, JavaScript, C++
- Frameworks & Libraries:** React, React Native, Next.js, Angular, Tailwind CSS, Bootstrap, Framer Motion
- Databases, Backend & DevOps:** REST APIs, Third-Party API Integration, Docker, PostgreSQL, MySQL
- Core Concepts & Tools:** Data Structures & Algorithms, OOP Principles, Operating Systems, Networking Basics, Authentication & Authorization, Git, GitHub, VS Code, Figma, Expo

POSITIONS OF RESPONSIBILITY

Event Lead - Student Association of Information Technology

Mar 2025 – Present

- Led impactful events, workshops, and tech talks that helped students gain skills and secure internships.

Program Facilitator - TinkerHub, SOE

Sep 2024 – June 2025

- Drove events, mentoring, and peer sessions to build a strong, inclusive, and active tech-learning culture.

ACHIEVEMENTS

- First Place**, *Hack Europa* (CUSAT) – Built the UI for the **AI-based internship & placement portal**.
- First Place**, *Hack to the Future* (IEEE-SB MUJ) – Designed a **blockchain urban transport system**.
- Track Winner**, *Make-a-Ton* (CUSAT) – Designed and developed the UI for a **Web3-based platform**.