Akul P A

paakul0@gmail.com • +91 9895222700 • linkedin.com/in/akulpa1 • github.com/akulakul1 • Behance Portfolio

Professional Summary

Full-stack developer with strong expertise in UI/UX design and a proven track record of creating seamless user experiences. Skilled in React, Flutter, MongoDB, FastAPI, Python, JavaScript, and API integration. Experienced in developing scalable backend systems, AI-powered applications, and designing intuitive user interfaces.

Education

Mar Baselios College of Engineering and Technology   *2022–2026*
Bachelor of Technology in Computer Science
CGPA: 7.5

Professional Experience

NYTT Pvt Ltd — Software Development Intern   *3 Months*
Full Stack Developer & UI/UX Intern
- Developed frontend interfaces using React, Flutter, and Laravel for applications including welittleFarmers.com and the NYTT Robotics website.
- Contributed to the design and development of a game-based application.
- Integrated FastAPI and Node.js backends with MongoDB and Laravel.
- Collaborated with design and product teams to enhance user journeys and UI consistency.
- Implemented clean, component-based architecture and reusable widgets for scalability.

Projects

- **Paws App (Startup Plan)**   *Technologies: Flutter, MongoDB, FastAPI, Figma, API Integration*
  - Developed a multifunctional mobile app offering pet skin disease detection, chatbot, e-commerce, and adoption services.
- **Olympia App**   *Technologies: Flutter, Figma*
  - Developed a Flutter-based app for corporate fun games and fundraising events for Nytt prvt limited.
- **Ambulance Booking System (Hackathon Selected)**   *Technologies: Flutter, API Integration*
  - Built a custom ambulance booking app with geolocation and real-time updates and tracking.
- **Character Generator App**   *Technologies: React, Tailwind CSS, MongoDB, Express*
  - Developed a fantasy character generator with names, powers, stats, and backstories.
- **LegalEase AI**   *Technologies: React, Node.js, MongoDB, Express, Gemini API*
  - Developed an AI-powered legal document simplification tool using Gemini API.
  - Implemented document uploads, clause-level simplifications, risk highlighting, and AI chat explanations.
- **Face Recognition System**   *Technologies: Python, OpenCV, Flask*
  - Created a real-time face recognition app for security and attendance using pre-trained models and a local database.

Technical Skills

- **Languages**: Python, C, Java, JavaScript, Dart
- **Frontend**: React, Flutter, Tailwind CSS, HTML, CSS, Figma
- **Backend**: Node.js, Express, FastAPI, Firebase
- **Database**: MongoDB, Firebase
- **Tools**: Git, GitHub, VS Code, Figma, Framer, ChatGPT

Certifications & Extracurricular Activities

- Google UX Design Course
- IEEE Design Lead
- Hackathons: Selected for Smart India Hackathon