Abhinav Renjith

+91 9747809006 • abhinavrenji@gmail.com

TECHNICAL SKILLS

- **Languages/frameworks:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, React, C#
- **Tools:** Git, Docker, GitHub Actions, VS Code, IntelliJ, Figma, Unity
- **Concepts known:** Data Structures and Algorithms, Object-Oriented Programming, UI/UX Design
- **Certifications:** DevOps, Agile and Design Thinking (IBM); Java Programming (University of Helsinki)

TECHNICAL EXPERIENCE

DevOps Intern   27th May – 30th June, 2025
Sirpi Products and Services

- Wrote CI/CD pipelines that significantly reduced development times using Docker and GitHub Actions.
- Successfully developed and deployed a face recognition-based attendance system for the company, used by approximately 50 employees.
- Reduced potential operating costs by porting the app's cloud storage from AWS S3 to MinIO.
- Containerized and deployed 3 Python applications and 2 full-stack web apps with React frontends and Node.js backends.

Full-Stack Developer   2024-present

- Developed TrustMap, a public safety management system, with a full Android application made with Flutter, and a complete website utilizing React, Node.js, Express.js, and MongoDB.

UI/UX Designer   2021-present

- Crafted the UX for TrustMap, complete with a clean UI, intuitive navigation, and legible typography.
- Designed several modern, user-friendly mobile login pages, which were found to be approximately 20-30% easier to use than average login pages.

Game Developer   2024-present

- Developed Pathogen Protocol, a real-time strategy game based on the human body's immune system.
- Developed Bomberwing, a Flappy Bird-inspired obstacle avoidance game with a multitude of extra mechanics, transforming the original into a full-fledged Endless Flyer.

PROJECTS

Sirpi Attendance System

- A reliable face-recognition based attendance system, consisting of a live-feed page and a comprehensive admin dashboard.
- The live-feed was connected to a CCTV camera via the RTSP protocol, providing a stable, interruption-free video stream.
- **Features:** Reliable and configurable face-matching, employee registration and updating facilities, ability to add and revoke admin privileges, ability to download monthly/weekly attendance logs.
- **Tech stack:** React, Node.js, OpenCV, Supabase, MinIO

TrustMap

- A map-based Android app allowing users to determine unsafe zones, write reports about crimes in certain areas, and receive official alerts about crimes occurring in his/her vicinity.
- Complete with a website for admins to review and verify reports, provide reports of their own, and send important safety alerts.
- Tech stack: Flutter, React, Node.js, Express.js, MongoDB

EDUCATION

Vellore Institute of Technology, Chennai   2023-2027
BTech, Computer Science and Engineering

- CGPA: 8.49

SFS Public School, Ettumanoor, India   2022-2023

- CBSE board (class 12): 91%