PIRUTHVIN M

📞 +91-8754481778 ✉ piruthvin@gmail.com ⌨ Piruthvin in mps1201

</> piruthvin_1503 🌐 piruthvin.github.io/MyWeb 📍 Dharapuram, Tamil Nadu

Career Objective

Aspiring Software Developer with hands-on experience in building full-stack applications using Java, Spring Boot, Flutter, and React. Strong foundation in Data Structures and Algorithms (DSA), RESTful APIs, and real-time distributed systems. Passionate about solving complex problems, developing scalable software, and applying technology for social impact.

Skills

- **Programming Languages:** Java, Python, C++, Go (Golang), Dart
- **Frontend/Backend:** HTML, CSS, JavaScript, Spring Boot, React, Flutter
- **Developer Tools:** Git, GitHub, IntelliJ IDEA, VS Code
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), Version Control, REST APIs
- **Soft Skills:** Analytical Problem-Solving, Adaptability, Leadership, Critical Thinking

Education

- **Karpagam Institute of Technology, Coimbatore**   2023 – 2027
  Bachelor of Technology in Electronics and Communication Engineering   *CGPA: 7.89*

Projects

- **SolveIQ**
  - Quiz platform built using **Spring Boot**, **React**, and **Flutter** with JWT authentication, REST APIs, and role-based access control.
  - Integrated an **AI-powered chatbot** for automated quiz explanations and student support.
  - Developed **admin dashboards** for classroom management and performance insights.

- **Migrant Mitra**
  - Mobile application developed in Flutter for migrants with multilingual support, Aadhaar OTP authentication, offline access, and biometric login.
  - Secured sensitive data with Aadhaar OTP, biometric login, and JWT tokens and Designed 5+ Indian languages Supporting.
  - Implemented **IPFS-based storage** for tamper-proof and decentralized document management.
  - Built an **offline-first architecture** optimized for low-connectivity environments.

- **DocVault**
  - Secure mobile application developed using Flutter with **PIN login, offline access**, and encrypted backup/restore via JSON.
  - Enabled 100% offline document access and Implemented **JSON backup/restore for secure portability.**
  - Developed customizable themes and PIN-protected login for improved user experience (UX).
  - Added **multi-layered security** with recovery Q&A and file-level encryption.

Certifications

• **AWS Cloud Practitioner Essentials** — AWS Training and Certification	Jun 2025
• **Software Developer – Product Development** — NASSCOM	Apr 2025
• **SQL (Advanced, Intermediate, Basic)** — HackerRank	Jul 2025
• **Problem Solving (Intermediate, Basic)** — HackerRank	Mar 2025
• **Go (Intermediate, Basic)** — HackerRank	Jun 2025
• **Java (Intermediate, Basic)** — HackerRank	Mar 2025
• **OOP in Java Certificate** — Scaler	Jul 2025
• **SOLID Principles for Software Development** — Scaler	Aug 2025

Achievements

- Presented a research paper at the **15th International Conference on Science & Innovative Engineering 2025** held at Prince Dr. K. Vasudevan College of Engineering & Technology, Chennai.
- Participated in the International Conference at Karpagam Institute of Technology, Coimbatore.