RUSHIKESH PETKAR

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EDUCATION

GH Raisoni College of Engineering, Nagpur B.Tech in Electronics and Telecommunication Engineering

Bajaj College of Science, Wardha HSC (12th)

Gunj Convent, Sindi SSC (10th)

SKILLS

Technical Skills:	Flutter, Firebase, Figma, Java (Basic), SQL , EV Charger EMC Testing
Developer Tools:	Git, GitHub, Android Studio
Domains:	Mobile App Development, IoT Systems, Software Testing
Communication	Problem Solving Time Management Adaptability

EXPERIENCE

R&D Trainee Intern – S. Charge Pvt. Ltd.   Dec 2024 – June 2025

- Developed a BLE-based EV charger configuration app, improving internal testing efficiency by 25%.
- Reduced debugging time by 30% through systematic OCPP log analysis and root-cause identification.
- Fixed major bugs in the S.Charge mobile app, increasing reliability and internal adoption.

Android App Development Intern – CodSoft   Sept 2023 – Oct 2023

- Built 3 Flutter-based Android apps (To-Do List, Quote App, Attendance App) with 100% Firebase integration.
- Reduced user onboarding friction by 20% through intuitive UI/UX design improvements.
- Implemented Git-based version control and CI/CD practices for cleaner development workflows.

PROJECTS

Multifunction Farm Monitoring Bot – IoT, Sensors

- Developed an IoT-powered bot to monitor farm activities remotely using temperature, humidity, and soil moisture sensors.
- Built a mobile application to control and monitor the bot in real-time, improving user interaction and automation.

Biodiversity Info App – Flutter, Figma (Google Solution Challenge 2024)

- Built an awareness app aligned with UN Sustainable Goal (Life on Land).
- Designed UI in Figma; published on portfolio website.

Real-Time Chat App – Flutter, Firebase Authentication, Firestore

- Developed a secure real-time chat application with Firebase Authentication for user login and Firestore for message storage.
- Implemented user sign-up/login, message persistence, and live updates with Firebase backend integration.

EXTRA-CURRICULAR ACTIVITIES

Member of **GDSC GHRCE**, **IEEE CIS GHRCE**, **Flutter GHRCE**, **Flutter Nagpur**, and **ML Nagpur** communities; contributed to events, workshops, and peer-learning initiatives.