RITIK THAKUR

SOFTWARE DEVELOPER | WEB & MOBILE APPLICATIONS

contact@ritikthakur.com.np | Nepal
Portfolio | GitHub | LinkedIn

PROFESSIONAL SUMMARY

Computer Engineering student and software developer with experience building and deploying web, Android, and cross-platform applications. Currently contributing to React frontend and backend API development in a professional team, with additional experience in React Native, PostgreSQL, FastAPI, Linux, CI/CD, and application deployment. Developed and released Android applications on Google Play Store and built independent products across web and mobile platforms.

TECHNICAL SKILLS

Languages: C, C++, C#, Java, Python, JavaScript, TypeScript
Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS
Mobile: React Native, Expo, Android, Capacitor
Backend & APIs: FastAPI, Node.js, NestJS, REST APIs
Database & ORM: PostgreSQL (Neon), SQLite, Prisma
DevOps & Cloud: Git, GitHub Actions, CI/CD, Vercel, Render, Cloudflare, VPS
Systems & Tools: Linux, Bash, ADB, Android Studio, VS Code, Microsoft Visual Studio, Gradle

PROFESSIONAL EXPERIENCE

Software Developer Intern | Baudhika Learning Pvt. Ltd. | September 2026 – Present
- Develop React frontend features and contribute to backend API development.
- Assist with React Native mobile app development and support Android production releases through Google Play Console.
- Contribute to early-stage product initiatives, including a hiring platform and a school/college ERP.

Independent Software Developer | Self-Directed / Open Source | 2025 – Present
- Build and maintain independent Android, web, and cross-platform applications from development through testing and release.
- Manage GitHub repositories, application releases, cloud deployments, and CI/CD workflows.

KEY PROJECTS

eSkool | React Native, Expo, TypeScript, Next.js, NestJS, PostgreSQL | Google Play | Live Web
School/college ERP with mobile apps, an admin web platform, and backend APIs. Android app published on Google Play; iOS App(.ipa) build generated.

FastShare | Android, Web, iOS | GitHub | Google Play | Web
Peer-to-peer file and clipboard-sharing app. Android app published on Google Play, web app live, and iOS App(.ipa) build generated.

QR Scanner & Reader | Android | Google Play | GitHub
QR scanning and code-generation application published on Google Play.

PowerGyan | Android, Kotlin | GitHub Releases
Battery charge limiting and analytics with rooted/non-rooted modes, alerts, widgets, and root-enabled file operations and temperature controls. Available through GitHub Releases.

Scientific CalcR Pro | Flutter, Dart | GitHub
Scientific calculator with graphing, equation solving, matrices, vectors, and statistics.

EDUCATION

Bachelor of Computer Engineering | Advanced College of Engineering and Management (ACEM), Tribhuvan University
2080 BS – 2084 BS | Expected Graduation: 2084 BS
Higher Secondary Education (+2), Science | MIT, Janakpur, Nepal | 2078–2080 BS | GPA: 3.02 / 4.00