

Bhuvnesh Verma

Mail : Bhuvnesh Verma | +918390545534 | Nagpur | [Bhuvnesh Verma CV](#)
[Linkedin](#) | [Github](#) | [Hackerrank](#) | [medium](#)

CAREER OBJECTIVE

Passionate developer building scalable, production-ready software and enterprise-grade applications with a focus on clean architecture and simplicity. I excel at system design and collaboration to deliver robust, high-impact solutions.

EDUCATION

B.Tech, Artificial Intelligence & Machine Learning 2023 - present
Shri Ramdeobaba College of Engineering and Management

Class 12 HSC 2022 - 2023
ST Paul School Hudkeshwar Nagpur Maharashtra

WORK EXPERIENCE

Android App Developer Oct 2024 - Present
GDG RBU, Nagpur

1. Led **end-to-end development** of a dual-role (member/student) **cross-platform App**, implementing **Google Auth** (using clerk) and **real time notifications** using **Expo-Supabase** stack, overcoming Firebase dependency challenges.
2. **Conceptualized** and built the entire **backend infrastructure from scratch**, including **Docker containers** and **CI/CD pipeline** (GitHub Actions), **reducing time by 60%**.
3. **Optimized development workflow** that enabled delivering the **production-ready app in just 10 days (67% faster** than the 1-month deadline).
4. Solved critical notification system challenge by developing a **custom solution**, ensuring **100% reliable alerts** for both user types with **native Firebase support**.

PROJECTS

Schedula - Event Management & Ticketing App [[Github](#)] May 2025 - June 2025

1. **Architected** a full-stack event management application using Expo, Supabase, and a custom Node.js backend, featuring real-time event discovery, one-tap registration, and a dynamic multi-theme UI.
2. **Engineered** a secure digital ticketing system, leveraging a dedicated Node.js server for JWT-protected QR code generation and an in-app scanner for real-time, role-based admin check-in and validation.
3. **Established** a robust user management system using Clerk for Google OAuth, automating user data persistence with Supabase and implementing distinct permissions for admin and user roles.
4. **Automated** the full development lifecycle with a CI/CD pipeline using GitHub Actions and EAS, deploying a scalable backend on Render with cron jobs for service health monitoring and intelligent storage optimization.

Kissan Vikas – Health Awareness & Farmer Connection App [[Github](#)] [[Website](#)] March 2025 - May 2025

1. **Architected** a dual-purpose community empowerment application using React Native (Expo), featuring a comprehensive leprosy awareness module and a collaborative knowledge-exchange platform for farmers, all powered by a Supabase backend.
2. **Engineered** a content-rich, multilingual experience by integrating Google's Gemini AI for automated content verification and moderation, ensuring accessible and reliable information for both health education and farmer-generated posts.
3. **Established** a secure and scalable user management system using Clerk and Supabase Edge Functions, providing role-based access and seamless data synchronization between authentication services and the application database.
4. **Automated** the full development lifecycle with a CI/CD pipeline using GitHub Actions and EAS (Expo Application Services), ensuring continuous, reliable delivery for production releases to the Google Play Store.

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EXTRA CURRICULAR ACTIVITIES

1. Organized and led a web development workshop for 200+ participants, delivering sessions from core fundamentals to hands-on implementation.
2. Designed, developed, and deployed 4 dynamic websites for GDG Campus events, streamlining workflows and reducing manual workload by 40%.
3. Conducted an Android development seminar, showcasing Expo framework and API integration, enabling 100+ attendees to understand app architecture and real-time data flow.
4. Active member of GDG RBU Campus, contributing to technical events and community growth.

TECHSKILL

Web : JavaScript, TypeScript, React, Next.js, Vite, Tailwind CSS, Redux, TanStack Query

App : React Native, Expo, EAS CLI, NativeWind, Zustand, LogRocket, Sentry

Backend : Node.js, Bun, Express.js, Flask, Redis

Languages : JavaScript, TypeScript, Python, Java, C, C++, SQL

Databases & ORMs : MongoDB, PostgreSQL, MySQL, SQLite, Supabase, Firebase, Prisma, Drizzle

Auth / Infra : Clerk, OAuth, Firebase Auth, Supabase Auth, JWT, Docker, GitHub Actions, CI/CD

Utilities : ESLint, Sentry, Ngrok, Uploadcare