Vipul Gupta

✉ vipulgupta@gmail.com | 📞 93518 95055 | in VipulGupta@linkedin.com | ⌂ Vipul

Education

VIT University, Bhopal   Oct 2022 – Oct 2026
Bachelor of Technology in Computer Science and Engineering   **CGPA: 8.56/10.0**
Specialization: Artificial Intelligence and Machine Learning

Technical Skills

Java, Kotlin, Python, SQL, Android Studio, Jetpack Compose, Firebase, Material Design, HTML, CSS, Bootstrap, Responsive Design, Git, GitHub, Android Studio

Projects

Tip Calculator Pro - Android Application [GitHub]
- Developed tip calculation algorithms with bill splitting for up to n people per transaction
- Created tip percentage system (5%-30%) with real-time currency conversion for 4+ currencies
- Achieved high computational accuracy through input validation handling 500+ test cases
- Designed Material Design 3 UI with dark/light theme switching and multi-language support
- Integrated Room Database storing calculation history for up to 100 recent transactions

Rustic Bits College Portal - Full-Stack Web Application [Live Demo]
- Led 3-developer team through 48-hour hackathon using agile methodologies with sprint planning
- Delivered web application achieving high Google PageSpeed score through image compression
- Set up CI/CD pipeline with automated testing covering 85% code coverage using unit tests and deployment to production environment
- Established user authentication system supporting 200+ concurrent users with JWT security
- Created admin dashboard with data visualization displaying 15+ key metrics using Chart.js

Art Gallery App [GitHub]
- Browse and explore curated art collections with intuitive navigation and detailed artwork display
- Built comprehensive gallery interface with smooth scrolling performance and adaptive Material Design UI
- Developed using Kotlin, Jetpack Compose, and Material Design 3 for contemporary Android development
- Integrated voice navigation support for accessibility and dark mode theme with complete UI adaptation across all screens

Certifications

- **Java 17 Masterclass: Start Coding in 2024** - UDEMY
- **HTML, CSS, and JavaScript for Web Developers** - John Hopkins University
- **Android Development Fundamentals** - Google (Android Developers)

Achievements

Open Source Contributions: Successfully completed Hacktoberfest 2024 with 4+ contributions to community projects, including bug fixes, feature implementations, and documentation improvements

Co-Curricular

Content Co-Lead, BashCraft Club, VIT Bhopal   **10 months**
- Guided team to create event reports documenting outcomes, feedback, and results while writing promotional content for announcements and social media posts
- Managed content planning and delivery timelines, ensuring quality written materials for club events and maintaining documentation for future reference