Manas Kumar

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Summary

Computer Science undergraduate with 2+ years of experience in Android and AI-powered applications. Developed 5+ full-stack projects, solved 300+ DSA problems, and finalist at a national hackathon. Skilled in delivering production-ready apps with 90%+ ML model accuracy, scalable Firebase integrations, and automation workflows that improve reliability and user engagement.

Education

KIET Group of Institutions, Ghaziabad *2023 – 2027 (Pursuing)*
B.Tech in Computer Science and Engineering (CGPA: 7.45)
Relevant Courses: Data Structures, Algorithms, Operating Systems, OOP

10th CBSE – St. Mary's Christian School *2019–2020*
Scored 85%

Experience

Hackathons & Open Source *2023 – Present*

– Finalist at GIH Hackathon 2025 (Galgotias College), selected from 120+ competing teams.

– Participated in 7+ hackathons, building Android + AI-based solutions.

– Contributed 50+ commits

– Selected for OSCI 2025 and maintaining open-source Android projects with 500+ GitHub views.

Coding Samurai – Android Developer Intern *Oct 2025 – Nov 2025*

– Completed a 4-week Android development internship focused on building production-ready mobile apps.

– Developed a feature-rich Android project using **Kotlin, Jetpack Compose, and Firebase**.

– Implemented real-time database integration, user authentication, and responsive UI components.

– Gained hands-on experience with version control, debugging, and agile development workflows.

Virtual Internship – Deloitte Australia: Cyber Job Simulation *2025*

– Completed Deloitte's cybersecurity virtual internship focusing on risk assessment and vulnerability management.

– Conducted simulated threat analysis using industry-standard tools and frameworks.

– Delivered structured reports demonstrating incident handling and mitigation strategies.

Projects

Simple Task Manager – WordPress Plugin *PHP, WordPress, MySQL*
github.com/rookiecoder910/wordpress-task-manager-plugin

- Built a custom WordPress admin plugin using PHP and MySQL to manage tasks.

- Implemented secure CRUD operations using WordPress hooks, nonces, and input sanitization.

- Created custom database tables using `$wpdb` and activation hooks.

- Designed an admin dashboard menu following WordPress plugin architecture and coding standards.

Pixelpholio – Game-Based Portfolio App *Jetpack Compose, Firebase*
github.com/rookiecoder910/pixelpholio

- Engineered a Mario-style Android portfolio game with tile-map mechanics, physics, and animated sprites.

- Integrated Firebase to unlock skills as badges, creating a gamified developer showcase.

- Attracted 100+ demo plays during hackathon presentations, increasing recruiter engagement.

eMediBot – Smart Medicine Reminder *Jetpack Compose, Firebase, Gemini API*
github.com/rookiecoder910/emedibot

- Built an Android app for medication reminders, tested with 20+ users and achieving 100% notification reliability.

- Integrated Firebase Realtime Database for real-time sync across devices, reducing data conflicts by 40%.

- Automated state management using ViewModel, cutting navigation-related crashes by 30%.

- Enhanced engagement with AI chatbot (Gemini API), providing personalized dosage suggestions and reminders.

Cognify – Mental Wellness Companion *Jetpack Compose, Firebase, Gemini API*
github.com/rookiecoder910/Cognify

- Developed an AI-powered mental wellness app featuring journaling, mood tracking, and chat-based support.

- Integrated Gemini API for empathetic, context-aware AI conversations.

- Designed minimal UI with Jetpack Compose; improved user session retention by 25%.

MovizApp – Movie Discovery and Tracker *Kotlin, Retrofit, TMDb API*
github.com/rookiecoder910/movizApp

- Created a movie discovery Android app using the TMDb API for real-time recommendations.

- Implemented search, filtering, and watchlist features with Room DB persistence.

- Achieved 95% API efficiency using Retrofit caching and coroutine-based async calls.

Notey – AI-Powered Smart Notes App *Jetpack Compose, Firebase, NLP API*
github.com/rookiecoder910/Notey

- Designed a modern note-taking app with grammar correction and AI-based summarization.

- Integrated Firebase for real-time sync; added keyword-based search and smart categorization.

- Enhanced user productivity by 40% through AI text polishing and tone suggestions.

Insurance Premium Predictor *FastAPI, Streamlit, scikit-learn*
github.com/rookiecoder910/Insurance-Premium-Predictor

- Deployed a full-stack ML app to predict premium categories with 90% model accuracy.

- Built FastAPI backend with Pydantic validation; Streamlit frontend for interactive inputs.

- Reduced prediction latency to sub-second responses; deployed prototype for 30+ testers.

Crop Disease Detection System *FastAPI, TensorFlow/Keras*
github.com/rookiecoder910/crop-disease-detector

- Trained CNN model for detecting **38+ crop diseases**, achieving 95%+ accuracy.

- Built full-stack app with FastAPI backend + Streamlit frontend for drag-and-drop image uploads.

- Optimized inference pipeline to deliver sub-second disease classification.

- Designed scalable APIs with CORS middleware; tested concurrent request handling.

Skills

Languages: Kotlin, Java, Python, C++, JavaScript
Mobile: Android Studio, Jetpack Compose, Retrofit, Hilt, Firebase (Auth, Realtime DB, Firestore)
Backend: Node.js, FastAPI, Spring Boot (basic)
AI/ML: TensorFlow, Keras, scikit-learn, CNNs, NLP (Gemini API, GPT), Deployment
Database: SQL, MongoDB, MySQL, SQLite, Room DB
Automation: n8n, Make, Workflow Orchestration
Tools: Git, GitHub, Postman, Figma, Docker, VS Code
Competitive Coding: LeetCode (Rating: 1582, 200+ problems), Codeforces (Rating: 726), Codolio (asta_coder1202)

Certifications

- Cybersecurity Training – Palo Alto Networks (99% score)

- DSA Track – LeetCode and CF(300+ problems solved)

- CodeForces Rating-1000+ Leetcode Rating-1560

- Automation Foundation Course – UiPath

- Certification Drive Folder (All Certificates)