



Dinkar Arya

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SUMMARY

Detail-oriented and analytical Computer Science Engineering student with hands-on experience in Android development, backend technologies, and project management. Proven ability to bridge the gap between business requirements and technical execution by translating ideas into scalable software solutions. Skilled in gathering user requirements, writing functional specifications, collaborating with cross-functional teams, and delivering intuitive, impactful applications. Passionate about using technology to solve real-world problems and enhance user experience.

EXPERIENCE

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|--|---|--|
| Python Intern | PhonixZone Pvt. Ltd. — Diploma, 2nd Year | <i>April 2022- August 2022</i> |
| <ul style="list-style-type: none">• Learned the fundamentals of Python programming including data types, control structures, functions, and file handling and Gained hands-on experience with essential libraries NumPy, Pandas, Tkinter .• Built small-scale Python projects to apply core concepts and libraries in real-world scenarios. | | |
| Android Intern | Think Next Technologies — B.Tech, 2nd Year | <i>April 2024 - August 2024</i> |
| <ul style="list-style-type: none">• Learned complete Android development lifecycle including activities, fragments, intents, services, broadcast receivers, and content providers.• Developed projects that included features such as login/signup, data storage (SQLite/Firebase), API integration, and responsive UI designs. | | |

PROJECTS

Smart Attendance Management System

Technologies: Android, Kotlin, Firebase (Authentication, Realtime Database)

- Developed a role-based Android application for **automated attendance tracking**.
- Implemented secure login for **faculty and students**, allowing faculty to add, manage students and mark attendance by date.
- Used **Firebase Realtime Database** for dynamic attendance updates and **Firebase Authentication** for secure access.

E-commerce Android Application

Technologies: Android, Kotlin, Firebase

- Built a **fully functional e-commerce app** with features like product listing, cart, order placement, and user authentication.

- Integrated **Firestore Realtime Database** for storing product and order details, and **Firestore Auth** for secure login/sign-up.

Skills & Technologies

- **Programming Languages & Frameworks:** Kotlin, Java, Python, Spring Boot, JavaScript, HTML, CSS, React
- **Backend & Databases:** Firebase, MySQL, SQLite, REST APIs, Postman, Spring Boot
- **UI/UX & Product Development:** Figma, Canva, Adobe Photoshop, Wireframing, Prototyping, Use Case
- **Tools & Operating Systems:** Android Studio, VS Code, IntelliJ IDEA, Unix/Linux (Shell Scripting Basics), Windows
- **Software Engineering & Development Process:**
Agile Methodology, Requirement Analysis, SDLC, Version Control (Git), Testing & Debugging, API Integration
- **Soft Skills & Core Competencies:**
Effective Communication, Team Collaboration, Leadership, Problem Solving, Time Management, Critical Thinking, Documentation (SRS, BRD, User Stories)

EDUCATION

- **Maharishi Markandeshwar Deemed to be University , Mullana**
Bachelor of Technology in Computer Science Engineering **(2023-2026 Expected)**
CGPA: 8.84/10
- **SKBP Polytechnic, Haryana**
Diploma in Computer Technology **(2020-2023)**
Percentage: 88%

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- HackerRank SQL Certificate – 4 ★ Proficiency
- Participated in **Google Arcade 2024** by Google, completed all tasks, and achieved **Premium Level**. Received exclusive goodies including a hoodie, backpack, laptop stand, water bottle, and more.
- AWS Academy Graduate – Cloud Computing Foundations
- Machine Learning Specialization (Coursera – Andrew Ng) *(In Progress)*
- Flipkart GRID 6.0 Participant – National Engineering Challenge
- Alpha Intern Hackathon Finalist – Finalist in a 36-hour AI & Product Design Sprint
- Member – Institution of Engineers India (IEI)
- Successfully completed a **Google Developer Group (GDG) Android Bootcamp**, gaining hands-on experience in real-time Android projects.
- Consistently maintained a strong academic record throughout diploma and B.Tech programs.