

# Dinesh Kumar

📍 Madhepura, Bihar

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🌐 <https://dineshsingh.me>

Aspiring software engineer specializing in Android development using Kotlin and Java. Proficient in multiple programming languages and development tools. Passionate about emerging technologies and building innovative applications.

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## EDUCATION

### Diploma in Computer Science & Engineering

Centurion University of Technology and Management, Paralakhemundi, Odisha

2022 - 2025 | CGPA: 8.5

10th Grade | 80.6 %

BSEB Patna | 2022

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## CORE SKILLS

- Programming Languages: Kotlin, Java, Python, C, C++
- Development Tools: Git, GitHub, CAD, Figma
- Cloud Services: Firebase, AWS
- Software: MS Excel, PowerPoint, Word.

## SOFT SKILLS

- Communication Hindi ,English
- Project Management
- Collaboration
- Continuous Learning
- Adaptability

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## PROJECTS

### ❖ DivyaMarg - A Spiritual & Wellness App

A mobile app integrating Bhagavad Gita, Ramayan, Yoga, and AI for spiritual and wellness guidance. Features include Bhagavad Gita verses, an AI chatbot, guided yoga, Hindu scriptures, multi-language support, and community engagement. Tech Stack: Jetpack Compose, Kotlin, MVVM, Firebase, Gemini API 1.5-Flash.

### ❖ Kittunes - A Music Streaming Platform

Developing a music streaming app using Kotlin, Jetpack compose and the Deezer API. This project involves creating a user-friendly interface and implementing features like music playback, playlists, and user authentication.

### ❖ Chief AI - Smart Recipe Assistant

An AI-powered recipe assistant that suggests dishes based on available ingredients and provides step-by-step cooking instructions. Features include cooking time, difficulty level, and dietary tags. Built using Google Gemini and Firebase, the conversational interface simplifies meal planning and reduces food waste.

Tech Stack: Kotlin, Firebase, Gemini API, Jetpack Compose

### ❖ Data Visualization Software (Java, JFreeChart)

Developed a Java-based tool for visualizing data with Pie, Bar, and Line charts. Features dynamic data input, chart customization, and reset functionality using Swing, AWT, and JFreeChart.

### ❖ Weather Application(Kotlin,WeatherAPI)

Developed a Weather application using kotlin ,XML and Weatherapi API.That provides user weather report as their location or their searched location and provides user friendly interface

### ❖ Event Booking Management System (C++ and DSA)

The Event Booking Management System is a C++ project that facilitates event ticket booking, allowing users to browse events, book tickets, and generate receipts, while demonstrating basic data structures and file handling.

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## Experience

### ❖ C++ Developer intern

Code Alpha | June 2024

- Developed efficient and functional software solutions using C++.
  - Gained hands-on experience in software development and problem-solving.
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