

Nihal Kumar

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Summary

Skilled Python developer with experience in creating applications such as To-Do List App, Weather App, and Quiz App. Proficient in Python, SQL, HTML, and CSS. Strong problem-solving abilities and adept at collaborating with teams. Eager to contribute to Turing's projects by leveraging technical skills and innovative solutions.

Education

BIT, Dr. A.P.J. Abdul Kalam Technical University, Master of Computer Applications (MCA) in Computer Science [2020 – 2022]

Chaudhary Charan Singh University, Bachelor of Computer Application (BCA) in Computer Science [2017 – 2020]

Experience

Software Engineer, Spin Planet Technologies Pvt Ltd. – (Trackimo) [Jan 2023 – Mar 2024]

- Developed a comprehensive tracking system using Spring Boot and Hibernate.
- Designed and implemented RESTful APIs for efficient data communication.
- Performed extensive unit testing to ensure functionality and reliability of the system.
- Implemented unit testing to ensure code quality and reliability.

Tools Used: Java, Spring Boot, Hibernate, RESTful APIs, MySQL

Mobile Application Developer Intern, HatchDesk Technologies – (ToyZip App) [Aug 2024 – Present]

- Developed a cross-platform toy marketplace app using .NET MAUI, serving users.
- Integrated SQL-based RESTful APIs for seamless data transactions (buy/sell features).
- Designed responsive UI/UX with XAML and implemented state management for optimal performance.

Tools Used: SQL, APIs, .NetMaui, GitHub

Projects

To-Do List App

- **Description:** A fully functional blogging website where users can read and post blogs.
- **Features:** User authentication
Mark tasks as completed
Due date reminders
- **Tech Stack:** Django, SQLite, JavaScript

Weather App

- **Description:** Fetches real-time weather updates for any city.
- **Features:** Fetches weather data using OpenWeatherMap API
Displays temperature, humidity, and forecast
Caching for faster results
- **Tech Stack:** Django, API Integration, JavaScript

Quiz App

- **Description:** A multiple-choice quiz application.
- **Features:** Admin can add questions
Users can take quizzes
Shows scores after completion
- **Tech Stack:** Django, SQLite, Bootstrap

Technical Skills

Programming Languages: Python, Java, JavaScript, SQL

Frameworks: Django, Spring Boot, .NET MAUI, Hibernate

Tools : GitHub, Django, API, MySQL, Debugging.

OS: Linux, Windows