Krish Rana

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Education

Bachelor of Technology (B.Tech) in Computer Engineering (Pursuing)
Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar, Anand, Gujarat - Autonomous Institute affiliated with Gujarat Technological University (GTU), managed by Charutar Vidya Mandal (CVM).

Diploma in Computer Engineering - Graduated in August 2023
Bhailalbhai & Bhikhabhai Institute of Technology, Vallabh Vidyanagar, Anand, Gujarat - Affiliated to Gujarat Technological University (GTU).
Achieved a CGPA of 9.70

Secondary School Certificate (SSC) - Completed in March 2020
St. Mary's High School, Nadiad, Gujarat - Gujarat Secondary and Higher Secondary Education Board (GSEB).
Passed with a percentile rank of 92.59

Technical Skills

Languages: C#, JavaScript, Python, C++, Java
Frontend: HTML, CSS, Bootstrap, React, Tailwind CSS (with NativeWind)
Mobile Development: React Native
Backend: ASP.NET Core (REST API, Minimal API), Node.js, PHP
Databases: MySQL, PostgreSQL, MongoDB
Tools & Platforms: Git, GitHub, Visual Studio, VS Code
Concepts: OOP, RESTful APIs, SDLC, Machine Learning Basics

Projects

Car Rental System
- Tech: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL
- Built a responsive car booking web app with user authentication and booking history.
- Enabled vehicle listing, real-time booking, and role-based access for admins and users.

Chat Application
- Tech: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL
- Designed a real-time social chat platform with group messaging, media sharing, and notifications.
- Created scalable front-end with dynamic user interactions.

Movie Detail Mobile App
- Tech: React Native, NativeWind, TMDb API
- Developed a mobile app to display detailed movie information using TMDb API integration.
- Implemented features like movie search, ratings, responsive design, saved/favorite movies, and user profile management.

Salary Management System API
- Tech: ASP.NET Core, MongoDB
- Developed a RESTful API for managing employee salary data, featuring secure CRUD operations.
- Focused on data integrity, modular code, and ease of integration into payroll systems.

Satellite Image Classification Model
- Tech: Python, TensorFlow, CNN
- Built a machine learning model to classify satellite images into categories like cloudy, forest, and water.
- Used convolutional layers and data augmentation techniques for accuracy improvement.

Academic Achievements

- **1st Rank** – Semester 4, Diploma in Computer Engineering
- **2nd Rank** – Semester 3, Diploma in Computer Engineering

Extracurricular Activities

- Participated as **Team Leader** in **CREATO Hackathon 2023**, demonstrating leadership, collaboration, and problem-solving skills in a competitive coding environment.