

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

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|--------------------------------|--|
| • Frontend | : HTML, CSS, JavaScript, Bootstrap, React, React Native |
| • Backend | : Node.js, ASP.NET Core (REST API & Minimal API), ADO.NET, PHP |
| • Databases | : MySQL, MongoDB, PostgreSQL |
| • Programming Languages | : C++, Java, Python, C# |
| • Tools & Concepts | : Git, GitHub, Visual Studio Code, Software Development Life Cycle (SDLC), Machine Learning Basic. |

Soft Skills

- | | | |
|-------------------|-------------------|-----------------------|
| • Communication | • Teamwork | • Adaptability |
| • Problem-solving | • Time Management | • Attention to Detail |

Projects

College Attendance System

- Built a web-based system using PHP, MySQL, and JavaScript to automate student attendance, with features like Excel import/export and grade display.

Chat Application

- Developed a real-time social chat platform with HTML/CSS/JS, Bootstrap (frontend) and PHP/MySQL (backend), supporting group chats, media sharing, and notifications.

Car Rental System

- Designed a full-stack vehicle booking platform allowing browsing, authentication, and reservation management using PHP, MySQL, Bootstrap, and JavaScript.

Salary Management System API

- Built a scalable RESTful API with ASP.NET Core and MongoDB to manage payroll data, supporting CRUD operations and secure employee-salary mapping.

Satellite Image Classification Model

- Created a CNN model in Python for classifying satellite imagery into categories (cloudy, forest, desert, water), applying image preprocessing and model training.

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.