

Aryan Kumar

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Summary

I'm a passionate and detail-focused developer who loves turning ideas into real working projects. I have hands-on experience in front-end development, Python programming, and managing databases. I enjoy creating smart, user-friendly applications that work fast and look good. Currently, I'm pursuing my B.Tech in Computer Science with a focus on Artificial Intelligence at Parul University, and I'm always eager to learn new technologies and improve my skills.

Experience

AI/ML Intern	Jan 2026 – Present
Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG), Gandhinagar	
Designed, developed, and optimized Machine Learning and Deep Learning models on large-scale geospatial and remote sensing datasets using Python.	
Built robust end-to-end ML pipelines encompassing data preprocessing, feature engineering, model training, validation, and hyperparameter optimization.	
Applied supervised and unsupervised learning techniques for spatial and temporal data analysis to extract actionable insights.	
Evaluated and improved model performance using Accuracy, Precision, Recall, F1-score, and Confusion Matrix metrics.	
Collaborated with multidisciplinary research teams to deliver AI-driven analytical solutions for real-world government and space applications.	

Education

Parul University	2022 – 2026
<i>B.Tech. - CSE - Artificial Intelligence - PIT</i>	
○ CGPA: 7.81/10	
○ Specialization in Artificial Intelligence	
○ Location: Vadodara, Gujarat, India	
ARYA COLLEGE, Vaishali	2022
<i>Higher Secondary (12th)</i>	
○ Board: BSEB	
○ Percentage: 60.60/100	
ARYA COLLEGE, Vaishali	2020
<i>Secondary (10th)</i>	
○ Board: BSEB	
○ Percentage: 63/100	

Technical Skills

Programming Languages: Core Java, Python, C, SQL, JavaScript

Web Technologies: HTML, CSS, JavaScript

Tools & Platforms: Git, GitHub, Tableau

Specializations: Artificial Intelligence, Machine Learning, Database Management

Projects

AR Card System

arcards-1.onrender.com ↗

- Experience seamless digital identity with an AI-ready, cloud-powered platform to create, manage, and share smart AR cards
- Features include user signup, personalized AR card generation with unique QR codes, and secure authentication
- Tools Used: Python, HTML, CSS, JavaScript, GitHub
- Duration: June 10, 2025 – June 19, 2025

Editor Pro - AI Image Editor

ai-gngh.vercel.app ↗

- Next-generation AI-powered image editor with command-based editing capabilities
- Features include cartoon effects, vintage styles, and manual adjustments (brightness, contrast)
- Implemented user-friendly interface with one-click AI transformations
- Tools Used: HTML, CSS, JavaScript, Python, GitHub
- Duration: September 06, 2023 – September 15, 2023

Certifications & Achievements

Introduction to Modern AI

Jan 10, 2025

Introduction to Cybersecurity

Feb 14, 2024

PU CODE HACKATHON 2.0

Jan 02, 2025

Workshops & Training

Gujarat Tableau User Group

Dec 21 – Dec 28, 2024

- Attended comprehensive data visualization workshop
- Institute: Parul Institute of Technology, Vadodara
- Gained hands-on experience with Tableau for business intelligence

Personal Information

Languages Known: English, Hindi

Date of Birth: December 05, 2005

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