



ARNAV BHARTI

Course : **B.E. (Hons.)**, Computer Science and **M.Sc. (Hons.)**, Biological Science, 2027  
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CGPA : 8.02



ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Kothari International School	CBSE	92.8 %	2022
CLASS X	Kothari International School	CBSE	98.5 %	2020

Subjects / Electives	Data Structures and Algorithm , Database Systems , Deep Learning , Object Oriented Programming , Discrete Structures , Logic in Computer Science , Computer Programming
Technical Proficiency	Python , JavaScript , Java , Dart , Flutter , React.js , React Native , PyTorch , Django , SQL , Firebase , Git , Linux , C Programming

INTERNSHIPS

<b>App Developer , Interface</b>	<b>Jan 2025 - Feb 2025</b>
<ul style="list-style-type: none"><li>Reduced goods processing time with barcode /media -capture <b>Expo</b> app featuring responsive UI and API integration .</li><li>Independently built <b>iOS/Android</b> app ; resolved platform -specific camera , storage , and UI issues across full dev lifecycle .</li></ul>	
<b>Android App Developer , Finoq Eduversity Pvt Ltd</b>	<b>Jul 2024 - Aug 2024</b>
<ul style="list-style-type: none"><li>Built Compose -based Android app using MVVM ; delivered event &amp; webinar updates via modern Kotlin architecture .</li><li>Integrated FCM , Retrofit , Room , and WorkManager with DI for real-time sync , fast APIs , and offline -ready performance .</li></ul>	
<b>SDE Intern , MASTH Life - Ultrahive Healthcare Pvt Ltd</b>	<b>May 2024 - Jul 2024</b>
<ul style="list-style-type: none"><li>Built secure multi -tenant auth and CRUD backend with <b>Django REST</b> and normalized schema for document workflows .</li><li>Integrated <b>Gemini</b> and <b>LangChain</b> to enhance retrieval -augmented generation with contextual grounding and responses .</li></ul>	

PROJECTS

<b>Official Fest Apps for BOSM '23, Oasis '23 and APOGEE '24 - Mobile Application Development</b>	<b>Feb 2023 - Mar 2024</b>
<ul style="list-style-type: none"><li>Built <b>Flutter</b> apps for <b>8K+</b> users ; enabled <b>1.5Cr +</b> revenue through integrated food ordering and event management system .</li><li>Enabled <b>FCM</b> notifications , Google Maps powered navigation , and secure Google Sign -In for smooth mobile experience .</li></ul>	
<b>Cancer Classification using CNN - Deep Learning</b>	<b>Mar 2025 - Apr 2025</b>
<ul style="list-style-type: none"><li>Trained a <b>MobileNet</b> -based skin cancer classifier with <b>PyTorch</b> ; achieved 68% accuracy using robust tuning strategies .</li><li>Enhanced model performance via normalization , regularization , dropout , and advanced data augmentation techniques .</li></ul>	
<b>Command Line Based LLM Agent - AI/ML</b>	<b>Jun 2025 - Jul 2025</b>
<ul style="list-style-type: none"><li>Designing a CLI -based <b>LLM agent</b> with memory , tool -use , and file interaction for intelligent command -line automation .</li><li>Enables contextual task execution , script generation , and terminal workflows through dynamic natural language input .</li></ul>	
<b>Investigating the Epigenetic Landscape of Severe Malaria - Data Analysis</b>	<b>Jan 2024 - Present</b>
<ul style="list-style-type: none"><li>Conducted genome -wide methylation analysis of <i>P. vivax</i> isolates ; research paper currently under preparation .</li><li>Automated genomic workflows using <b>Python</b> , <b>Bash</b> , and CLI tools to boost efficiency and generate clear visualizations .</li></ul>	

POSITION OF RESPONSIBILITY

<b>APOGEE Joint Coordinator - Department of Visual Media</b>	<b>May 2024 - Present</b>
<ul style="list-style-type: none"><li>Led a <b>33-member</b> team delivering apps , websites , games , and media content for <b>9K+</b> attendees , generating <b>2Cr+</b> revenue .</li><li>Directed cross -team collaboration , defined tech milestones , and ensured quality deliverables across APOGEE &amp; Oasis .</li></ul>	

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY
Supervised Machine Learning : Regression and Classification	DeepLearning.AI