

ABHINAV KUMAR

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Education

CMR Institute of Technology,India <ul style="list-style-type: none">Computer Science CGPA: 8.5	2019 - 2023
St. Michael's High School,India <ul style="list-style-type: none">CBSE (Class XII), Aggregate:95%	2017 - 2019
St. Michael's High School,India <ul style="list-style-type: none">CBSE (Class X), CGPA: 10	2007 - 2017

Skills

C++ | C | Java | Python | TypeScript | JavaScript | NodeJS | React | MongoDB | MySQL | Git | GitHub

Work Experience

Epsilon Business Analyst <ul style="list-style-type: none">Developed and executed marketing campaigns across 3 brands using Adobe Campaign tool.Conducted testing and proofing operations to ensure campaign accuracy and effectiveness by 20%.Proficient in HTML, JavaScript, and CSS, enhancing and testing mail assets to boost open rates by 35%.	Aug'23- Present
Epsilon Intern <ul style="list-style-type: none">Conducted thorough analysis, offering valuable insights to improve marketing campaignsWorked on workflow template that reduced time in development by 10%Collected and documented precise business requirements for 5+ businesses, ensuring clarity and accuracy.	Feb'23 - Aug'23

Projects

VAHINI <i>An autonomous vehicle for farmland irrigation that can auto navigate the farm and irrigate the field accordingly</i> <ul style="list-style-type: none">Self-Driving Auto-irrigation Electric Vehicle, with the goal of reducing irrigation costs by up to 50% through automation and efficient resource management.Efficient irrigation system with shortest path algorithms, optimizing battery usage and saving up to 75%.Tools used: JavaScript, Python, Raspberry PI, Arduino, Unity 3D (for simulation and testing)	Feb'19
KaZam <i>A song recognition application akin to Shazam, capable of identifying songs from short audio snippets</i> <ul style="list-style-type: none">Fast Fourier Transform and audio fingerprinting for rapid song identification, even in noisy surroundings.Accurately matches peak frequencies and anchor points, delivering instant song details with 90% precision.Tools used : Python	Feb'19

Academic and Extracurricular Achievements

Winner College-Level Hackathon in Python - IIC cell <ul style="list-style-type: none">Implemented a solution to match ambulance vans with SOS locations for swift emergency response.Created a location-based interface that accelerated emergency response by 40%..	
College level winner- Smart India Hackathon - 2022 <ul style="list-style-type: none">Optimized school midday meal tracking, boosting officials' monitoring efficiency by 90%.Ensured accurate portion distribution to students, promoting effective meal management and proper nutrition for students.Implemented features to identify schools needing improvement in the meal distribution process.	