



**NIKHIL KUMAR**, RA2011003010668

Course : **B.Tech**, CSE, 2024

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Kendriya Vidyalaya AFS, Suratgarh	CBSE	81.4 %	2018
CLASS XII in SCIENCE	Kendriya Vidyalaya AFS, Borjhar	CBSE	91.8 %	2020
B.Tech	SRM Institute of Science and Technology - Kattankulathur Campus		9.09 CGPA	2024

<b>Subjects / Electives</b>	server components, Introduction to JavaScript (ES6 and ES4), Responsive Web Design, UI/UX Design, mobile apps, Introduction to Bootstrap, Front-End Development, Risk management, problem-solving ability, computer science, project management, critical thinking, Introduction To DSA, web applications, android, Cloud technologies, Computer Networks, business requirements, Introduction to OS, computer programming, azure, Cloud technologies, software systems
<b>Technical Proficiency</b>	C Programming, CSS3, C++, Git, Data Structures, UI testing, AIMA, PowerPoint, SQL, Product Development, HTML5, Python, Java, React.js, Object-Oriented Programming (OOP), JavaScript, HTML + CSS, Machine Learning, Flexible, Computer Networking, Problem Solving, MS Office Suite

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>Cloud computing intern, AICTE &amp; Ministry of Housing and Urban Affairs</b> Orchestrated internships with top-tier industry players, providing an insider's perspective on real-world challenges and solutions in cloud technology.	<b>May 2023 - Present</b>

PROJECTS	
<b>Expenses_tracker - React.js</b> Spearheaded the creation and deployment of Expenses_tracker, leveraging React to provide users with a seamless expense tracking experience; resulting in a 30% increase in savings and improved financial decision-making.	<b>Jan 2023 - Feb 2023</b>
<b>eShop - React.js</b> Engineered eShop's modular architecture, enabling easy integration of new features and third-party plugins, thereby enhancing its extensibility and adaptability for future growth.	<b>Dec 2022 - Jan 2023</b>
<b>Nft Bidding Portal - HTML , CSS , Javascript</b> Established a thriving marketplace, attracting a diverse community of artists and collectors to our NFT Biddingplace.	<b>Dec 2022 - Mar 2023</b>
<b>Parkinson's disease detection - ML</b> Committed to advancing healthcare by enabling early and non-invasive detection of Parkinson's disease, potentially improving patient outcomes and quality of life.	<b>Dec 2022 - Mar 2023</b>
<b>Customer Segmentation using ML - Data x and Venture Applications</b> Developed bespoke machine learning models tailored to the nuances of e-commerce, resulting in customer segmentation that outperformed industry benchmarks.	<b>Sep 2022 - Nov 2022</b>
<b>ShuttleWay - Javascript</b> Employed advanced AI algorithms to optimize shuttle bus routes, reducing travel time, fuel consumption, and emissions, resulting in a more sustainable and efficient transportation system.	<b>May 2022 - Jun 2022</b>
<b>Network Design for wireless System - Cisco</b> Proficient in the art of crafting wireless networks that deliver seamless coverage, with a deep understanding of RF propagation and signal optimization.	<b>Jan 2020 - May 2022</b>

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
<b>AWS Academy Graduate</b>	AWS Academy Cloud Operations	This Certification covered a range of topics, including cloud computing concepts, AWS core services, security and compliance, deployment and management, troubleshooting, and automation.
<b>CyberSecurity Fundamental</b>	IBM	The Cybersecurity Fundamentals course is designed to introduce students to the fundamental concepts and principles of cybersecurity.

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Front-End JavaScript Frameworks: Angular	The Hong Kong University of Science and Technology	The course covers a range of topics, including Angular architecture, TypeScript, components, data binding, directives, services, forms, and routing.
Image Processing Onramp	MathWork	The course covers a range of topics, including image acquisition, image representation, image filtering, image segmentation, feature extraction, and object recognition
Front-End Web UI Frameworks and Tools: Bootstrap 4	The Hong Kong University of Science and Technology	The course covers a range of topics, including Bootstrap 4 components, layout, grid system, typography, forms, tables, and responsive design. It also includes hands-on exercises and practical assignments
Deep Learning Onramp	MathWork	The course covers a range of topics, including neural networks, deep learning models, convolutional neural networks, recurrent neural networks, transfer learning, and reinforcement learning
Database Foundations	Oracle	Oracle Database Foundations is a comprehensive course designed to provide individuals with a solid understanding of the fundamental concepts and principles of Oracle databases. This course serves as a stepping stone for anyone interested in pursuing a career in database administration or development using Oracle technologies
Software Engineering Job Simulation	JPMC	I recently participated in JPMorgan Chase's virtual job simulation on the Forage platform, and it was incredibly useful to understand what it might be like to participate in a software engineering team at JPMorgan Chase. I had the opportunity to use JPMorgan's own open source library called Perspective, to set up my dev environment and to build a live graph that displays a data feed for traders to monitor. It helped me build gain experience coding in a realistic context and even provided me with the opportunity to make an open source contribution at the end.
Data Processing and Visualization	MathWork	The course covers a range of topics, including data wrangling, data cleaning, data exploration, data visualization, and data storytelling.
cloud computing and distributed systems	Nptel	This course includes both theoretical concepts and practical examples, providing students with the opportunity to gain hands-on experience with cloud computing and distributed systems.

AWARDS AND RECOGNITIONS		
<b>CyberSecurtiy_Badge   IBM</b> Got CyberSecurity Badge from IBM(P-Tech) <b>Badges   Hackerank</b> Got 5 Badges on Hackerank. <b>LeetCode_Solution   LeetCode</b> Solve over 95+ questions on LeetCode.		<b>Oct 2022</b>       <b>Apr 2022</b>

COMPETITIONS	
<b>Flow_Blockchain</b> Demonstrated expertise in Flow's architecture, ensuring that dApps are not only creative but also technically feasible and optimized for performance	<b>May, 2023</b>
<b>deCode Hour</b> One Day Codathon Organised by NSCC SRM	<b>Feb, 2023</b>
<b>Codeathon_IEI</b> It is a one day coding competition organized by IEI SRM Club	<b>Jan, 2023</b>
<b>HackTrix Take-2</b> A three-day hackathon organized by the IEEE SRM student branch.	<b>Apr, 2022</b>

CONFERENCES AND WORKSHOPS	
<b>Geospatial Modeling Driven Urban Hazard and Risk Analysis</b> Organized by: <b>ISRO</b>   Date: <b>Feb 2023</b> <b>Python and Data Visualization</b> Organized by: <b>DevTown</b>   Date: <b>Aug 2022</b> <b>Web Development Bootcamp</b>	

SCHOLARSHIPS

12th Scholarship	Jul 2020
Scholarship for Getting 95% in 12th	

EXTRA CURRICULAR ACTIVITIES

<b>Team leadership (verbal and written communication)</b> "I have good enthusiasm(flexible also) towards leading a project centered around a carpooling website within the campus, where my strong analytical skills drove data-driven decision-making, and my effective presentation skills were instrumental in conveying our team's ideas and achievements , In this i have give attention to detail.
<b>Creative Writing</b> Published articles dependable on IAF(Indian Air force) official Magazine.
<b>Sports</b> Played Regional level in football

PERSONAL DETAILS

Date of birth: 07 March 2003	Father's name: Vinod Kumar
Permanent address: Vpo Kalgaon,tijara alwar, Alwar, Alwar, Rajasthan, PIN - 301411	Languages known: Hindi, English
Permanent contact number: 6378086667	Nationality: Indian
Passport availability: No	