



ABHINANDAN JHA, RA2111051010006

Course : **B.Tech**, CSE, 2025

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Rajendra Vidyalaya	ICSE	89.8 %	2019
CLASS XII	Rajendra Vidyalaya	ICSE	90.2 %	2021
B.Tech in with specialization in Gaming Technology	SRM Institute of Science and Technology - Kattankulathur Campus		8.69 CGPA	2025

Subjects / Electives	AR/VR, Design of Experiments, Game Studio for Business
Technical Proficiency	Express.js, Node.js, Java, JavaScript, Machine Learning, Convolutional Neural Networks, React Native, Deep Learning, Web Development, MongoDB, React.js, Python3, C++ Language

SUMMER INTERNSHIP / WORK EXPERIENCE	
Machine Learning Intern, National Institute of technology	Dec 2023 - Present
I am working as a research intern at NIT Jamshedpur on the topic of cancer detection using machine learning models. I have been working on Machine Learning as well as Deep Learning models like SVM, CNN, kNN, Random Forest etc.	
Project Lead, SRMIST	Oct 2023 - Present
In-house Project to develop an app for kids suffering from Autism to help them learn and acquire new skills	
Project Lead, SRMIST	Oct 2023 - Present
A website to convert PDF to	
Translator, EdPrep	Jul 2023 - Aug 2023
I worked as a translator for the Python course videos given by them. I had to understand the topics and then translate it into my native language for the course	

PROJECTS	
Virtual Mouse - https://github.com/Avi-J0506/Virtual-Mouse	Jul 2023 - Jul 2023
◦ Developed and implemented a Python-based project utilizing OpenCV to create a virtual mouse on the laptop screen, enabling hand-controlled navigation; increased user engagement by 40% and improved accessibility for individuals with mobility impairments.	
Chennai Metro App - https://github.com/Avi-J0506/Chennai-Metro-Ap	May 2023 - May 2023
◦ A C++ application that uses Dijkstra's Algorithm to calculate the shortest distance to travel between two places using Chennai city metro.	
Resume Builder - resume-builder-murex.vercel.app	Sep 2022 - Oct 2022
◦ A resume builder platform made using React and Redux which generates resumes for you giving you different templates. Enhances user experience by 60%.	
Portfolio Website - https://abhinandan-portfolio-fawn.vercel.app/	May 2022 - Jun 2022
◦ Fully responsive portfolio website using advanced concepts of HTML, CSS and JavaScript. Also used animations which gives great UX with 2 different themes - light and dark.	

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Rest API Using MongoDB and NodeJS: Beginners Guide	Udemy	Basic and Important tutorials for Rest API and MongoDB
AWS Academy Graduate - AWS Academy Machine Learning Foundations	Amazon Web Services Training and Certification	I learnt skills like Artificial Intelligence, Machine Learning, AWS, AWS cloud computing
Networking Basics	Cisco	This course covers the foundation of networking and network devices, media, and protocols. I observed data flowing through a network and configure devices to connect to networks. Finally, I learnt how to use different network applications and protocols to accomplish networking tasks.

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Full Stack Web Developer	Udemy	Full Stack Web Developer which has HTM, CSS, JavaScript along with frameworks like ReactJS and backend technologies like NodeJS, MongoDB and modern concepts like Web3 and Git and Github.
Optical Character Recognition (OCR) MasterClass in Python	Udemy	OCR in Python using OpenCV, Pytesseract, Pillow and Machine Learning
Learn Coding with Java from Scratch: Essential Training	Udemy	Mastering Java 17 with the modern features, know how it works.

POSITION OF RESPONSIBILITY	
Member - On Board Computing - SRMSAT ◦ Member of the On-Board Computing team of SRMSAT ◦ Worked on SRMSAT 2.0 project	Nov 2022 - Jul 2023
Associate - Web Development Domain - Coding Ninjas SRM ◦ Managed a team of 20 members. ◦ Completed 5 projects ◦ Conducted 3 events	Aug 2022 - Jun 2023
Member - Coding Ninjas SRM ◦ Completed 5 projects as a FrontEnd Developer ◦ Made UI for events	Sep 2021 - Jul 2022

AWARDS AND RECOGNITIONS	
Qualified SIH Qualified for the national round of SIH hackathon	Nov 2023
Second runners Up Quantum Club SRM	Aug 2023

COMPETITIONS	
Qualified Qualified for the National level in SIH hackathon	Sep, 2023
Quantathon 1.0 ◦ Made a Web3 based game using unity and solidity	Aug, 2023
Coca-Cola Disrupt 3 ◦ Participated in Coca-Cola Disrupt season 3	Aug, 2023
AeroSpanza ◦ Made the wing structure for an aircraft to reduce fuel consumption and provide more economic success.	Aug, 2023
Flipkart GRid 5.0 ◦ Qualified for the second round of Quiz for the national hackathon Flipkart GRid 5.0	Jul, 2023
Layer 3.0 Hackathon	Apr, 2023

CONFERENCES AND WORKSHOPS	
Layer 3.0 Organized by: Blockchain SRM Date: Apr 2023 A comprehensive 12 workshop on advanced technologies like Web3 and Blockchain, crypto currencies and business side of it.	

TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE

PUBLICATIONS	

SCHOLARSHIPS	

VOLUNTEER EXPERIENCE	
SRMSAT - Role: On Board Computing Cause: Science and Technology Worked as a On Board Computing member for the SRMSAT club of SRM for the project SRMSAT 2.0.	Nov 2022 - Aug 2023

EXTRA CURRICULAR ACTIVITIES	
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Cricketer

Achieved outstanding performance as a state player for JSCA in the Vijay Merchant trophy, exhibiting exceptional batting skills and playing a pivotal role in securing victories for the team.

PERSONAL DETAILS

Date of birth: 05 June 2002	Father's name: Govind Jha
Permanent address: L5/13,Road No 21,Kadma Farm Area,Kadma, Jamshedpur, EAST SINGHBHUM, Jharkhand, PIN - 831005	Languages known: English, French, Hindi
Permanent contact number: 8676874867	Nationality: Indian
Passport availability: No	