

# VINAY PATIDAR

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## EDUCATION

<b>Shri G. S. Institute of Technology &amp; Science (SGSITS)</b> Bachelor of Technology (B.Tech.) in Computer Science   CGPA: 8.4/10 (till 6 <sup>th</sup> sem)	Indore, M.P. (2021-2025)
<b>Shri Guru Tegh Bahadur Academy</b> CBSE - 12 <sup>th</sup>   Percentage: 95.20%	Ratlam, M.P. (2020)
<b>Shri Guru Tegh Bahadur Academy</b> CBSE - 10 <sup>th</sup>   Percentage: 89.60%	Ratlam, M.P. (2018)

## EXPERIENCE

<b>Amazon ML Summer School</b> <i>Amazon</i>	July'2024 - August '2024 <i>Virtual</i>
<ul style="list-style-type: none"><li>Implemented Supervised, Unsupervised and complex ML algorithms by collective libraries of Python.</li><li>Worked on different Machine learning projects using complex algorithms and libraries with an accuracy of 90%+</li></ul>	

## PROJECTS

<b>PLANTIFY (<a href="#">Github</a>)</b>	August'2023 - October'2023
<ul style="list-style-type: none"><li>Implemented a website that helps in identifying plants and their related problems, followed <b>Design thinking</b> approach for defining problem and ideation.</li><li>Implemented e-commerce features like buying and selling plants and accessories.</li><li>Designed the project using <b>Agile methodology</b>, tracking process on <b>Jira</b> and followed SCRUM practices.</li><li>Utilized PHP to design and implement back-end features, including user authentication</li><li>Integrated <b>MySQL</b> for data management, including user profiles, product inventories, and order histories.</li></ul>	
<b>SEA-SHORE (e-commerce) (<a href="#">Github</a>)</b>	June'2024 - July'2024
<ul style="list-style-type: none"><li>Implemented Sea-shore , an e-commerce <b>web app</b> to help small businesses to grow online</li><li>Developed responsive user interface, enhancing user experience with state management using <b>React</b> hooks and context.</li><li>Implemented <b>RESTful APIs</b> using <b>Express.js</b>, facilitating smooth data exchange between front-end and back-end services.</li><li>Built a scalable server-side application with <b>Node.js</b> and ensured efficient data management using <b>MongoDB</b>.</li></ul>	
<b>Cotton Crop Disease Prediction</b>	August'2024 - October'2024
<ul style="list-style-type: none"><li>Developed a <b>machine learning</b> model for cotton crop disease prediction, improving early detection and decision-making for crop management.</li><li>Utilized <b>Convolutional Neural Networks (CNN)</b> and Inception V3 architecture for accurate classification, improving prediction accuracy to 93%</li><li>Developed a mobile application that integrates the model, enabling real-time prediction, allowing users to capture or upload cotton leaf images for disease identification.</li></ul>	

## SKILLS

<b>Languages</b>	: Java, Python, SQL
<b>Operating Systems</b>	: Windows, Linux
<b>Front-end Technologies</b>	: HTML, CSS, Javascript, React JS
<b>Back-end Technologies</b>	: PHP, Node.js, Express.js
<b>Software Tools</b>	: Git, GitHub, MySQL, Jira

## COURSES UNDERTAKEN

- Data Structures	- Object-Oriented Programming
- Operating Systems	- Computer Architecture
- Design and Analysis of Algorithms	- Database Management System
- Agile Software Methodology	- Computer Networks

## ACHIEVEMENTS AND ACTIVITIES

- Ranked 330 among 30000+ participants in Leetcode Weekly contest 437
- Achieved Knight Badge at LeetCode with Max Rating of 1920
- Selected among 10,000+ applicants for Amazon ML Summer School 2024
- Secured AIR 24964 in JEE ADVANCED 2021
- Participated in online hackathon Coderush 4.0: The IVP Hackathon 2025