

# Akash Kumar Singh

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## Professional Summary

B.Tech Computer Science student specializing in AI/ML with skills in front-end development and DSA. Built a MCQ generator (90% relevance) and a crop insurance claim portal (70% error reduction). Seeking opportunities to apply technical skills to real-world projects.

## Education

<b>Kalasalingam University</b>	<i>B.Tech. in Computer Science and Engineering, 2022 – 2026</i>	<b>CGPA:</b> 8.34
<b>H.D. Jain College</b>	<i>Intermediate, Bihar Board, 2018 – 2020</i>	<b>Score:</b> 87.5%
<b>Sambhawana Residential High School</b>	<i>Matriculation, CBSE Board, 2017 – 2018</i>	<b>Score:</b> 92%

## Technical Skills

**Languages:** C++, Java, JavaScript, Python

**Web Development:** HTML, CSS, JavaScript, Node.js

**Databases:** MySQL

**Libraries & Tools:** Git, Github, Power BI, VS Code

**Concepts:** Front End Web Development, Data Structures and Algorithms, Artificial Intelligence, Machine Learning

## Projects

<b>MCQ Generator from PDFs</b>	GitHub
<ul style="list-style-type: none"><li>Developed a Python-based quiz generator extracting MCQs from PDFs.</li><li>Integrated NLP and PDF parsing with a JavaScript frontend, achieving 90% relevance accuracy.</li></ul>	
<b>AI-Based Crop Insurance Claim System</b>	GitHub
<ul style="list-style-type: none"><li>Built a full-stack web portal for farmers using Node.js and MongoDB.</li><li>Implemented admin review and status tracking, reducing manual errors by 70%.</li></ul>	
<b>Portfolio Website</b>	GitHub
<ul style="list-style-type: none"><li>Created a responsive personal portfolio using HTML, CSS, and JavaScript, deployed via GitHub Pages.</li></ul>	
<b>Student Management System (Java)</b>	GitHub
<ul style="list-style-type: none"><li>Designed a Java-based CLI application for managing student records with CRUD operations.</li></ul>	

## Certifications

- Design and Analysis of Algorithms – CodeChef
- Database Management System – CodeChef
- SQL Using MySQL Database – Udemy
- Tata Group Data Analytics Job Simulation – Forage

## Achievements

- Secured 2<sup>nd</sup> place in IBM Ice Day Coding Competition.
- Active contributor to open-source and social impact repositories on GitHub.
- Completed Tata Group Data Analytics Job Simulation (Forage) involving AI-powered analytics and predictive modeling.
- Solved 100+ DSA problems on LeetCode and GeeksforGeeks.
- Demonstrated proficiency in Git version control and collaborative development workflows using GitHub, including branching, merging, and pull requests.