

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

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

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

Certifications

- Design and Analysis of Algorithms – CodeChef
- Database Management System – CodeChef
- SQL Using MySQL Database – Udemy
- Tata Group Data Analytics Job Simulation – Forage
- Microsoft Power BI for Beginners & Excel Users – Udemy

Achievements

- Secured 2nd 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.