

# AMARNATH KUMAR

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B.Tech CSE (AIML) student at Brainware University with a strong academic record and a passion for web development. Interested in contributing to impactful projects, with a focus on continuous learning, innovation, and user-centric scalable solutions.

## EDUCATION

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- **B. Tech in CSE - AIML,** 2026  
Brainware University  
GPA: 9.067/10
- **12th (Senior Secondary Examination),** CBSE Board 2021  
Kendriya Vidyalaya Sevoke Road  
Percentage: 88%

## SKILLS

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- **Programming Languages:** JavaScript, C++, Python
- **Web Technologies:** HTML, CSS, DaisyUI, Tailwind CSS, React.js, Node.js, Express.js
- **Database Management:** MongoDB, PostgreSQL, SQL
- **Tools & Version Control:** Git, GitHub, Visual Studio Code (VS Code), Postman, Monaco Editor, Judge0 API, Zustand
- **Authentication:** JWT (JSON Web Tokens)
- **Soft Skills:** Analytical Problem-Solving, Effective Time Management, Collaborative Teamwork, User-Centric Design, Scalable Solutions, Innovation

## PROJECTS

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### [🔗 LeetLab](#)

- Engineered **LeetLab**, a **Full Stack MERN** coding platform (**React.js, Node.js, Express.js, MongoDB**) created to help users practice coding problems, learn algorithms, and improve programming skills.
- Integrated Judge0 API for robust code execution and validation, **processing code submissions with < 1 second latency**, and implemented JWT for secure user authentication, **enhancing platform security by 99%**.

### [🔗 StudyNotion](#)

- Developed and deployed **StudyNotion**, an **EdTech platform** built using the **MERN stack (MongoDB, Express.js, React, Node.js)**, enabling users to create, consume, and rate educational content.
- Provided a seamless and interactive learning experience for students and a dedicated space for instructors to share expertise, promoting content creation and consumption.

## EXTRA-CURRICULAR ACTIVITIES

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- **Smart India Hackathon (SIH) 2024** : Successfully cleared the internal round, demonstrating strong analytical **problem-solving** and **collaborative teamwork** skills in a competitive, time-bound environment.