Akshay Kumar

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EDUCATION

MM University
Mullana, Ambala, Haryana
Bachelor of Technology in Computer Science and Engineering (B.Tech)
Aug. 2021 – June. 2025

Govt. Sr. Sec. School, Shahzadpur
Shahzadpur, Haryana
Class XII (CBSE), Percentage: 92.8%
March. 2021

Arya Sr. Sec. School
Naraingarh, Haryana
Class X (CBSE), Percentage: 81.6%
March. 2019

LINKS

- **GitHub**: https://github.com/akshaygarg09
- **LeetCode**: https://leetcode.com/u/akshaykumar09/
- **GeeksforGeeks**: https://www.geeksforgeeks.org/user/gargakshxe8/
- **Codeforces**: https://codeforces.com/profile/akshaykumar09

SKILLS

- **Frontend Development**: HTML, CSS, JavaScript, React.JS
- **Backend Development**: Node.js, Java, Python
- **Databases**: MySQL, SQL
- **Core Subjects**: Operating Systems, Database Management Systems, Computer Networks, Data Structures and Algorithms, Cloud Computing

INTERNSHIP

Codsoft
Remote
Web Development Intern
May 2024 – June 2024

- **Portfolio Development**: Developed a portfolio website using web technologies like HTML, CSS, and JavaScript, showcasing projects and skills.

PROJECTS

- **Heart Disease Prediction and Health Monitoring System**: Developed a health monitoring system using MAX3102 sensors for pulse rate, blood pressure, and oxygen detection. Combined this with machine learning algorithms in Python to predict heart attacks and heart disease based on vital data. The focus was on offering a low-cost solution for early diagnosis.
- **Arthropod Spider Mech Robot**: Designed and programmed a spider-inspired mechanical robot capable of moving in complex patterns. Developed the control algorithms and mechanical design to mimic the real-life movements of a spider for use in robotics research and automation.
- **Line Follower Robot**: Built an autonomous line-following robot using Arduino, sensors, and actuators. Designed for competitions and research on path-finding and automation, the robot demonstrated consistent performance in dynamic environments.
- **The Bag Story**: Developed a fully functional e-commerce website for selling various bags online. Integrated a secure payment gateway, managed product inventory, and enhanced user experience using React.js and Node.js.

ACHIEVEMENTS

- **Competitive Coding**: Solved over 200+ problems on platforms such as LeetCode, Codeforces, and GeeksforGeeks.
- **Hackathons**: Led teams and participated in national-level hackathons including SIH 2023, HackaversuMM 2022, SIH 2024, InnoCodeathon 2024, and Technoxian 2023, securing top positions.
- **Leadership Roles**: Held leadership positions in the Robotronics Club and organized national-level hackathons at MM University.