Saurabh Yadav

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EDUCATION

- **Koneru Lakshmaiah University, Guntur** Andhra Pradesh, India
  Bachelor of Technology - Computer Science and Engineering; GPA: 9.58 *2023 - 2027*
  Courses: *Data Structures and Algorithms, Java Full Stack Development, DBMS, Operating System, Artificial Intelligence, Machine Learning*

SKILLS SUMMARY

- **Languages**: Java, JavaScript, Html, CSS
- **Frameworks**: React.js, SpringBoot
- **Tools**: GIT, GitHub, PowerBI
- **DataBases**: MySQL
- **Soft Skills**: Leadership, Blog Writing, Public Speaking, Time Management

EXPERIENCE

- **AWS AI-ML Virtual Internship (Cohort 12)**
  Summer Virtual Internship-(AICTE + AWS Academy) *April 2025 - June 2025*
  - **AWS Academy cloud Foundation**: Learn and gained experience about AWS Cloud infrastructure through their lab and online session. I feel well-equipped with fundamental cloud computing skills and AWS knowledge. Learning about AWS global infrastructure, cloud security, networking, compute, storage, and database services has greatly expanded my understanding. The hands-on labs, like working with EC2, VPC, and IAM, built my confidence in managing real-world scenarios. The Well-Architected Framework principles and best practices for cost optimization and security were especially valuable. I now feel motivated to pursue AWS certifications and explore advanced cloud roles.
  - **AWS Machine Learning Foundation**: I truly empowered with a strong foundation in machine learning and its practical applications using AWS. From building pipelines with Amazon SageMaker to exploring computer vision, NLP, forecasting, and even generative AI, the hands-on labs boosted my confidence tremendously. Understanding real-world business problems and solving them through ML frameworks was eye-opening. The course structure was clear and well-paced, helping me grasp complex concepts step by step. I'm now motivated to keep exploring AI and cloud technologies, applying these skills to future projects. This journey has inspired me to push further in my tech career.
  - **Core Functionalities**: These courses together gave me a strong foundation in cloud computing and machine learning, combining AWS core services with hands-on ML skills. I now feel confident to build, deploy, and manage solutions on AWS and pursue advanced opportunities in cloud and AI. .

PROJECTS

- **Online Job Application Tracker – Pathways (Feb 2025)**: I designed and implemented a fully functional platform that enables users to track and apply for their preferred jobs, utilizing **Java Full Stack** technologies (MySQL, React.js, and Spring Boot). The platform includes **secure** login and registration features, along with robust admin routes for effective job and user management, serving over 100 customers. This was complemented by the use of **RESTful APIs**, ensuring efficient data handling and seamless front-end and back-end integration.
- **Strive Rides – Hackathon Project (Code4Change) Apr 2025** : Developed At the Code4Change Hackathon, I led a team of four to build a ride-booking app with real-time location tracking, using Spring Boot, MySQL, and ReactJS. I developed secure backend APIs and guided the team from idea to implementation.

CERTIFICATIONS

- AWS Educate: Introduction to Generative AI
- Dynamic Programming & Greedy Algorithms (Coursera, University of Colorado Boulder, Apr 2025)
- AWS Academy Graduate – AWS Academy Cloud Foundations (Issued: June 10, 2025).
- AWS Academy Graduate – AWS Academy Machine Learning Foundations(Issued: June 25, 2025).
- Spring - Ecosystem and Core *(LearnQuest, Apr 2025)*

ACHIEVEMENTS

- Solved 500+ problems on different coding platforms (leetcode, HackerRank, CodeChef, Codeforces, etc).
- At the Code4Change Hackathon, I led a team of four to build a ride-booking app and we successfully reached the final round. (Hackaton by The Startup Society, KLUniversity)

EXTRACURRICULARS

- **U-19 Cricket Player** Lucknow District
  I built teamwork, discipline, and strategic thinking as a batsman, developing focus and resilience under pressure. *2022-24*
- **Chess Player** 2019 - Present
  I have a 1318 rating on an online chess platform, reflecting strong analytical and problem-solving skills.