

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
 - Specialization: AI Driven Language Technology*

SKILLS SUMMARY

- Languages:** Java, Python, JavaScript, HTML, CSS
- Frameworks:** React.js, Spring Boot
- Tools:** Git, GitHub, Docker
- Databases:** MySQL
- Soft Skills:** Leadership, Public Speaking, Time Management, Team Collaboration

EXPERIENCE

- AWS AI-ML Virtual Internship (Cohort 12)** Apr 2025 – Jun 2025
 - AICTE + AWS Academy**
 - AWS Academy Cloud Foundation:** Hands-on experience with AWS Cloud infrastructure, covering EC2, VPC, IAM, networking, storage, and databases. Applied Well-Architected Framework principles for cloud deployment.
 - AWS Machine Learning Foundation:** Built end-to-end ML pipelines using Amazon SageMaker, explored NLP, computer vision, forecasting, and generative AI. Applied ML models to solve real-world problems.
 - Core Competencies:** Developed a strong foundation in cloud computing and machine learning, integrating AWS services with practical applications.

PROJECTS

- Nexus Finance Bank – Full Stack Banking Application (Oct 2025):**
 - Developed a **full-stack banking application** using **React.js, Spring Boot, MySQL, and Docker**.
 - Implemented secure user registration, login, and authentication (session/token management).
 - Built core banking functionalities: fund transfers, account management, transaction history, and statements.
 - Designed RESTful APIs with proper validation, error handling, and layered architecture.
 - Dockerized backend and database; orchestrated via Docker Compose for easy deployment and reproducibility.Repository: [GitHub](#) — Deployed: [Link](#)
- Online Job Application Tracker – Pathways (Feb 2025):**
 - Developed a job application tracking platform using **Spring Boot, React.js, and MySQL**.
 - Implemented secure login/registration and role-based access (user/admin).
 - Built REST APIs for job postings, applications, and status tracking with proper validation.
 - Scaled to support 100+ users with optimized database and API design.Repository: [GitHub](#) — Deployed: [Link](#)

CERTIFICATIONS

- Introduction to Artificial Intelligence (IBM, Coursera, Apr 2025) [Link](#)
- Dynamic Programming & Greedy Algorithms (Coursera, Univ. of Colorado Boulder, Apr 2025) [Link](#)
- AWS Academy Graduate – Cloud Foundations (Jun 2025) [Link](#)
- AWS Academy Graduate – Machine Learning Foundations (Jun 2025) [Link](#)
- Spring - Ecosystem and Core (LearnQuest, Apr 2025) [Link](#)
- Supervised Machine Learning: Regression (IBM, Coursera, 2025) [Link](#)

ACHIEVEMENTS

- Solved 500+ coding problems on platforms including LeetCode, HackerRank, CodeChef, and Codeforces.
- Finalist in Code4Change Hackathon, leading a team to develop a ride-booking application (The Startup Society, KL University).
- Ranked among top 10% in Computer Science department with consistent academic excellence (CGPA: 9.58).

EXTRACURRICULARS

- U-19 Cricket Player** Lucknow District
 - Played as a batsman, building teamwork, discipline, and strategic thinking under pressure.* 2022 – 2024
- Chess Player** 2019 – Present
 - Achieved 1318 online rating, demonstrating analytical and problem-solving skills.*