

A V PRAVEEN KUMAR NAIDU

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PROFESSIONAL SUMMARY

Computer Science undergraduate skilled in Java, Python, React, Spring Boot, Django, and Data Structures & Algorithms. Experienced in full-stack development, database design, and data science. Proficient in building scalable web applications and solving complex problems with optimized algorithms. Certified in AWS and Red Hat with hands-on experience in cloud and Linux platforms. Passionate about leveraging technology for innovative solutions.

EDUCATION

Koneru Lakshmaiah Education Foundation | **CGPA: 9.55/10** Aug 2022 - May 2026

B.Tech in Computer Science & Engineering , Data Science & Big Data Analytics

- **Course Work:** Databases, OOPS, Data Structures, Computer Networks, Operating Systems, Big Data Analytics

PROJECTS

Skill Certification Management System | *Spring Boot, JSP, MySQL* | [Link](#) Aug 2024 – Nov 2024

- Orchestrated a Certification Management System on improving **30% system efficiency** through optimizations.
- Introduced *multi-admin roles* for **certification renewals**, reducing **40% admin workload** & enhancing efficiency.
- Revamped database architecture with **Aiven.io**, enabling real-time analytics dashboard updates every 15 minutes.
- Configured **automated email notifications** for expiration alerts, *increasing renewal rates by 50%*.

Car Show Room Management System | *JSF, JPA, MySQL, Hibernate* | [Link](#) May 2024 - June 2024

- Developed a Car Showroom App enhancing user **interactivity by 20%** through intuitive **UI/UX** improvements.
- Implemented role-based authentication (Admin, Seller, Customer), improving role-specific workflows by **80%**.
- Incorporated a **payment gateway** to simulate e-commerce functionality, providing a seamless buying experience.

Pet Adoption Management System | *Django, HTML, CSS, PostgreSQL* | [Link](#) Dec 2023 - Mar 2024

- Designed a Pet Adoption Website optimizing backend workflows to achieve 30% improved efficiency.
- Integrated a secure payment system, enhancing transaction reliability & increasing 40% successful payments.

Expense Tracker App | *Vite, React, Context API, Chartjs* | [Link](#) Jan 2025 - Feb 2025

- Created an Expense Tracker using React, automating expense calculations and reducing manual effort by 80%.
- Embedded **Chart.js** for **data visualization**, providing clear expense insights & **boosting 70%** user understanding.

WORK EXPERIENCE

AWS Cloud Virtual Internship | *AICTE in EduSkills* April 2024 – June 2024

- Hands-on experience with **AWS services like EC2, S3 and IAM**, building and deploying scalable cloud solutions.
- Worked on **cloud computing** and deployment strategies, **optimizing performance** and security using AWS tools.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, SQL

Technologies & Frameworks: Spring Boot, React, Django, Rest API, Java Server Pages

Tools & Database Systems: Git, Maven, MySQL, Mongo DB, PostgreSQL, CI/CD, Docker

Soft Skills: Analytical Mindset, Strategic Thinking, Agile Collaboration, Versatility, Effective Planning

CERTIFICATIONS

- AWS Certified Cloud Practitioner | [Certificate](#) May 2024 - May 2027

- Red Hat Certified Enterprise Application Developer | [Certificate](#) Sep 2024 - Sep 2027

- NPTEL Certified Programming in Java | [Certificate](#) Oct 2023 - Lifetime

CODING PROFILES

[LeetCode](#)

[CodeChef](#)

[HackerRank](#)

[CodeForces](#)

[GeeksForGeeks](#)