

Bobby Devarapu

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Education

2022–2026

Aditya College of Engineering and Technology, B.Tech in Computer Science

- CGPA: 7.94

Technical Skills

- **Programming Languages:** C, C++, Java, Python
- **Front-end:** HTML, CSS, JavaScript
- **Back-end:** MySQL, Java, AWS Cloud, MongoDB
- **Operating Systems:** Linux, Windows
- **Skilled in:** DSA, DBMS, OOP, REST APIs, Agile methodology, with Red Hat Certified System Administrator

Experience

(May 2024–Jul 2024)

AWS Development Intern - Technical Hub Pvt. Ltd

[\[Link\]](#) [\[Demo\]](#)

- Implemented AWS services (EC2, S3, RDS) to establish a scalable cloud architecture, supporting 5+ diverse applications.
- Streamlined solutions using automation, reducing client project delivery time by 30%.
- Built secure applications adhering to AWS best practices, ensuring robust data protection for 3 cloud environments.
- Collaborated with a team of 3 developers to implement scalable solutions, improving project delivery efficiency by 15%.

(Aug 2024–Nov 2024)

Web Development Intern - CodSoft

[\[Link\]](#) [\[Demo\]](#)

- Built a responsive landing page using HTML, CSS, and JavaScript, achieving a seamless user experience for 500+ monthly visitors across multiple devices.
- Ensured cross-browser compatibility, providing a consistent experience for 90% of users across 4 major browsers.
- Improved performance with lazy loading, reducing page load time by 25% for complex web applications.

Projects

Feb 2025

Employee Management System (C++)

[\[GitHub\]](#) [\[Demo\]](#)

- Engineered a robust system to streamline employee record management, handling 1,000+ records with 99% accuracy.
- Ensured secure data storage through efficient file handling techniques, protecting 500+ critical records.
- Created a user-friendly interface leveraging OOP principles, reducing user onboarding time by 20% in diverse scenarios.
- **Tools:** C++, File Handling, OOP, Data Structures

May 2025

Bank Management System (Java, MySQL)

[\[GitHub\]](#) [\[Demo\]](#)

- Architected a banking application ensuring secure, reliable transactions for 100+ simulated users.
- Enabled core banking functions like deposits, withdrawals, processing 50+ transactions daily with zero errors.
- Integrated MySQL to optimize data management, improving query performance by 40% for complex transactions.
- **Tools:** Java, JDBC, MySQL, Swing

Jul 2025

ProctoX - Online AI Proctoring Platform (React, AWS)

[\[GitHub\]](#) [\[Demo\]](#)

- Created a secure platform for remote assessments, supporting student, teacher needs with AI monitoring.
- Integrated AWS services for real-time proctoring, enhancing accuracy in 200+ test sessions.
- Developed a responsive interface, improving user accessibility by 30% across devices.
- **Tools:** AWS, TypeScript, React.js

Achievements Certifications

- Coding Profiles: **LeetCode** – **CodeChef** – **CodeForces** – **GeeksforGeeks**
- **LeetCode**, **CodeChef** – 3 Coder: Secured 1600+ rating on **LeetCode**, 1500+ on **CodeChef**, solving 600+ DSA problems, participating in 30+ contests.
- Certifications: **AWS Cloud Developer-Associate** – **Data Structure** – **CCNA** – **JAVA IT Specialist**