Bobby Devarapu

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Summary

B.Tech student skilled in Web Development, Cloud Computing, and Software Engineering. Proficient in AWS and full-stack development, focusing on scalable solutions.

Education

Aditya College of Engineering and Technology, B.Tech in Computer Science   2022–2026
- CGPA: 8.33

Dr. B R A C S W R Jr College, XI-XII   2020–2022
- Percentage: 89.1

Sri Bharathi Vidyanikethan, SSC   2010–2020
- Percentage: 95.59

Technical Skills

- **Programming Languages**: C, C++, Java, Python, PHP
- **Front-end**: HTML, CSS, JavaScript, Bootstrap
- **Back-end**: PHP, MySQL, MongoDB, REST APIs, AWS Cloud
- **Tools & Platforms**: Git, GitHub, Linux, Apache Server
- **Concepts**: DSA, DBMS, OOP, API Integration

Experience

AWS Development Intern - Technical Hub Pvt. Ltd   [Link] [Demo]   (May 2024–Jul 2024)
- 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%.
- Engineered 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, enhancing project delivery efficiency by 15%.

Web Development Intern - CodSoft   [Link] [Demo]   (Aug 2024–Nov 2024)
- Developed 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.
- Optimized performance with lazy loading, reducing page load time by 25% for complex web applications.

Projects

Employee Management System (C++)   [GitHub] [Demo]
- Designed a console-based system managing over 1,000 employee records with 99% data accuracy.
- Reduced data retrieval time by 40% through efficient file I/O operations.
- Applied OOP principles for modular design, enhancing maintainability by 60%.
- Utilized C++ with modular OOP design, efficient File I/O, and optimized data structures for robust performance.

Smart Resume Analyzer + Portfolio Manager   [GitHub] [Demo]
- Created an AI-powered tool that enhanced resume screening efficiency by 70% using keyword relevance analysis.
- Enabled live resume editing and real-time previews, reducing update time by 80%.
- Integrated analytics-based backend logic that auto-recommends skills, refining portfolio relevance by 60%.
- Engineered with PHP, MySQL, and JavaScript, leveraging AI APIs and Bootstrap for real-time, responsive UX.

Box-Dome - Movie Info Platform   **[GitHub] [Demo]**

- Developed a movie web app serving 2,000+ users/month with filterable content, trailers, and ratings.
- Boosted backend performance by 50% by optimizing SQL queries and restructuring data calls.
- Elevated user engagement by 40% through personalized watchlists and secure login.
- Built using HTML/CSS, JavaScript, PHP, and MySQL; focused on responsive design and dynamic content delivery.

Coding Profiles

- **GeeksforGeeks**: Coding Score 330+ and Overcame 150+ problems, 3 Star, Contest Rating 1627 **[Link]**
- **LeetCode**: Successfully Resolved 120+ problems, Max. Contest Rating 1470 **[Link]**
- **CodeChef**: Solved 600+ algorithmic problems; rated 3⋆ with participation in 25+ contests **[Link]**
- **HackerRank**: 5 Star in C++, Java **[Link]**

Certifications

- Red Hat Certified System Administrator (RHCSA) **[Link]**
- AWS Academy Cloud Developing **[Link]**
- Java IT Specialist **[Link]**
- Advanced Programming in C++ **[Link]**
- AWS Academy Cloud Foundations **[Link]**