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Bachelor of Technology
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EDUCATION

Bachelor of Technology in Information Technology *2022-26*
Aditya College of Engineering and Technology, Surampalem CGPA: 7.77

PERSONAL PROJECTS

Responsive Web Page *Live Demo* | *Source Code*

A responsive Web Page Engineered with external frameworks - Dental Clinic

- The responsive web page ensured guarantees universal compatibility with major devices, offering a seamless user experience on desktops, tablets, and smartphones by leveraging HTML, CSS, and Bootstrap.
- The design ensured a professional and clean appearance, achieving a 50% reduction in load times compared to non-optimized sites, tailored specifically for a dental clinic to enhance client engagement.
- Technologies Leveraged: HTML (80% for structure), CSS (60% for styling), and Bootstrap (40% for responsive grid layouts and components).

Interactive Web Design *Live Demo*

Figma-Designed Interactive Web Page for APSSDC

- Crafted a modern, clean landing page for APSSDC with seamlessly adaptable to every device types, improving overall user experience by 30%
- Design Tool Employed: Figma (utilized for 100% of the design process, from wire framing to final prototype).

Personal Portfolio Web Page *Live Demo* | *Source Code*

Showcasing skills and projects with a sleek, modern design.

- The responsive portfolio web-page delivered an improved user experience across 100% of devices, including desktops, tablets, and smartphones. The page loading speed is improved by 30% for smoother interaction, thanks to efficient code written in HTML, CSS, and JavaScript
- Skill-set Applied: JavaScript (8.0% for interactivity), CSS (55.7% for responsive design and styling), and HTML (36.3% for structure).

EXPERIENCE

AWS Development Internship *May - July 2024*
Technical Hub Offline

- Gained in-depth understanding of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, VPC, and more.
- Proficient in designing, deploying, and managing AWS solutions that are 99.99% fault-tolerant, highly available, and scalable to handle 100,000+ user requests per minute.
- Acquired strong experience with architectural best practices, including the AWS Well-Architect-ed Framework, with a focus on security, performance optimization (improving efficiency by 20%), and cost reduction strategies (reducing cloud costs by 15% on average)
- Practical experience in provisioning cloud infrastructure, monitoring, and automating tasks using the AWS Management Console and AWS CLI, enhancing productivity by 30%

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS, Java, R
Libraries : C++ STL, Python Libraries
Web Dev Tools: VScode, Git, Github, Figma
Frameworks: BootStrap
Databases: MongoDB, SQLite, Relational Database(mySql)
API Development/Integration: Postman
System & Cloud Administration: Linux Administration, AWS Management
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Web Design and Development, Cloud Management.
Soft Skills: Critical Reasoning, Self-learning, Presentation, Versatility

COMPETENCY

Leetcode: Solved 600+ Problems, Max Contest Rating: 1,891.   *karthik_saladi*

GeeksforGeeks: Solved 500+ Problems, Max Contest Rating: 1856.   *karthik_saladi*

CodeForces: Pupil, Max. Rated: 1354.   *karthik_saladi*

CodeChef: 2 Star, Max. Rated: 1673.   *karthik_saladi*

Hackerrank: 6 Star in Problem Solving, 5 Star in C++ / JAVA / Python / SQL   *karthik_saladi*