E Shivateja

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CAREER OBJECTIVE

Information Technology student skilled in cloud computing, software development, and data science. Proficient in C++, Java, Python, AWS, MySQL, and DevOps tools such as Docker and Jenkins. Experience in building AI-driven applications and mobile solutions. Currently advancing skills in machine learning, cloud architecture, and automation through internships and certifications.

EDUCATION

•**Bachelor of Technology in Computer Science and Engineering,JNTUH.** *2022-26*

Vardhaman College of Engineering, Shamshabad CGPA: 9.43

•**Intermediate in MPC, Telangana Board of Intermediate Education (TGBIE).** *2020-22*

TSWRS /JC(B) COE Hayathnagar, RR Dist Percentage: 95.4%

•**Secondary School Education, Board of Secondary Education, Telangana (BSET).** *2020*

TSWRS(B),Nakirekal,Nalgonda Dist Percentage: 100%

ACADEMIC PROJECTS

•**TechJob Portal Website** *September - November 2024*

Secure login for the tech job portal.

- Role:Implemented functionalities for job posting,manage up to 150 applications simultaneously without delays.
- Designed and created an application management system that centralized applicant tracking, increasing processing efficiency by 30%.
- Built secure login/registration, 100% functional job filters, 80% faster application tracking, and resume management using HTML, CSS, Java Servlets, and MySQL.
- Tech Stack: HTML,CSS,Java Servlets,MySQL.

•**Donation Application Form** *October - November 2024*

A mobile app service for processing 100% secure donations has been created.

- Developed a mobile donation app with 2 payment modes (online & offline), enabling seamless contributions to the needy using MySQL
- Tech Stack: HTML, CSS, JavaScript, Node.js.

•**Spotify Clone** *September - November 2024*

Cloned Spotify website.

- Engineered a responsive Spotify-inspired web application with complete music playback and playlist functionality, leveraging HTML, CSS, and JavaScript, achieving a 90% success rate in playing songs.
- Constructed the Spotify clone's user interface using HTML, CSS, and JavaScript, ensuring a responsive design across devices and leading to a 25% increase in user engagement metrics.
- Features include custom playlists, audio controls, and real-time UI updates.
- Tech Stack: HTML,CSS,Java Servlets,MySQL.

INTERNSHIP

•**AWS Cloud Computing Intern** *May - November 2024*

MassMutual, Hyderabad Offline

- Role: Gained expertise in AWS services including EC2, S3, RDS, Lambda, IAM, and VPC with hands-on experience in cloud deployment.
- Development: Architected a hospital management system on AWS, incorporating EC2, S3, and RDS, achieving 99.99% uptime and reducing patient admission processing time by 35% through streamlined data management.
- DevOps Integration: Established continuous integration/continuous delivery (CI/CD) pipelines utilizing Jenkins and Docker, accelerating software deployment frequency by 60% and slashing deployment times by 35%, resulting in faster feature releases.
- Database Management: Optimized automated scripts for AWS RDS provisioning and management, reducing database deployment time by 60% while ensuring compliance with healthcare data governance standards.
- Automation: Orchestrated streamlined provisioning of 20+ cloud resources weekly using AWS CLI, reducing manual setup time by 6 hours per resource and accelerating infrastructure deployment cycles.

•**Online Internship in DevOps** *August - October 2024*

NIELIT Online

- Role: Acquired in-depth knowledge of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, and VPC, to support DevOps practices.
- Development: Built a resilient cloud infrastructure on AWS by implementing self-healing failover mechanisms, reducing potential downtime by 75% and enhancing system availability.
- CI/CD Implementation: Deployed CI/CD workflows with Jenkins and Docker, resulting in a measurable decrease in deployment failures; personally authored 15 Jenkinsfiles within 2 months.
- Database Management: Designed and maintained 10+ high-availability database instances on AWS RDS, supporting key business applications and ensuring seamless data access for all internal teams.
- Infrastructure Automation: Developed and maintained 50+ reusable infrastructure automation scripts using AWS CLI, empowering developers to self-provision resources on demand.

KEY SKILLS

Languages: C, C++, Java, Python, HTML+CSS, JavaScript.
Libraries :C++ (STL) , Python Libraries (matplotlib, Numpy, Seaborn)
Databases:Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, GitHub, Git

SOFT SKILLS

Problem Solving, Self-learning, Presentation, Proactive, Communication

CERTIFICATES

- **Data Structures and Algorithms**, Smart Interviews-August 2024– April 2025.
- **Front End Web Developer Certification**, Infosys Springboard-April 2025.
- **Artificial Intelligence**, Great Learning Academy-April–May 2023.
- **Java**, Great Learning Academy-September–October 2023.
- **Google Daydream Augmented Reality and ARCore**, Coursera-July–October 2023.
- **Employability Skills – JobReady**, Wadhwani Foundation-November 2024–February 2025.
- **Certificate of Internship completion in Codetech Technologies**, CodeTech, Feb 2025- March 2025.
- **NPTEL certificate for DBMS**,NPTEL, October 2025- March 2025
- **NPTEL certificate for Cloud Computing**,NPTEL, January- May 2025.
- **Certificate of course completion in AWS Academy Graduate- AWS Academy Data Engineering**, Jan 2025.
- **Certificate of course completion in AWS Academy Graduate- AWS Academy Cloud Foundations**,March 2025
- **Certificate of completion in MongoDB**,MongoDB Atlas, March 2025– April 2025.

AWARDS AND ACHIEVEMENTS

- Rated 1500 on, Leetcode with ID shivateja786.
- Achieved 1200 rating on CodeChef with ID shivateja786.
- Achieved 3 badge in coding platform , Hackerrank with ID elijalashivateja.

EXTRACURRICULAR ACTIVITIES

- Manage and mentor a team of 4 peer students to guarantee successful team performance while ensuring individual goals are achieved.
- Hackathon Participant– Competed in coding competitions.