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|  |  | kondapaneni sasidhar |
| ContactEmail ID: [sasidhark84@gmail.com](mailto:sasidhark84@gmail.com) **Ph. No:** +91 7702998522 Education  * **Mohan Babu University** master’s in computer | GPA: 9.3 2023 - 2025 * **Yogi Vemana University** (MSCS) | GPA: 9.0 | 2020 – 2023 * **Saints Joseph’s Junior College** Intermediate | GPA: 8.7 Completed in 2018 - 2020 * **Victory High School** SSC | GPA: 9.8 Completed in 2018  Technical Skills Code: HTML / CSS / Java Script  OS: Linux (Amazon Linux, CentOS, Ubuntu)  Cloud Technologies: AWS  Python, Bash (Basics) PERSONNEL Detals **Date of Birth:** 04-06-2002  **Nationality:** Indian  **Marital Status:** Single  **Languages:** English and Telugu |  | EDUCATION I am Sasidhar, Completed my master’s in computers and applications at Mohan Babu University. I have a good knowledge of HTML, CSS, Java Script, Linux, AWS, and Python, and have gained hands-on experience in deploying and managing Applications, DBs, Linux servers, cloud infrastructure, and scripting. Project **Project: Smart Traffic Flow – AI-Based Traffic Management System**  Developed a smart AI-based web application for effective traffic management on routes with heavy traffic from multiple directions. The system leverages real-time monitoring through sensors and data analytics to dynamically adapt traffic light signals, reducing congestion and improving commute times. It connects traffic controllers, city planners, and commuters to build a responsive, intelligent traffic ecosystem that enhances urban mobility and safety.  **Frontend Technologies:**   * **HTML**: Structured semantic layout for user-friendly and accessible content. * **CSS**: Designed responsive and modern UI with Flexbox, Grid, animations, and custom themes for eco branding. * **JavaScript** Implemented dynamic form validation, DOM manipulation, interactive modals, product filtering, and category-based sorting.   **AWS and Linux:**   * Deployed and maintained web applications (Apache) on **Linux-based EC2 instances (Amazon Linux 2, Ubuntu Server)**. * Configured user and group accounts, password policies, and file permissions. * Set up disk partitions and LVM for storage management. * Remotely accessed and managed Linux servers using SSH and PuTTY. * Used tools like top, htop, df and du to monitor system performance and disk utilization. * Configured S3 buckets with versioning, lifecycle policies, and permissions. * Managed EC2 volumes, attached EBS, and configured Security Groups and NACLs. * Monitored EC2 instance metrics such as CPU, disk utilization, and network traffic. * Provision and configure instances through VPC and configure private Instance connections using VPC peering connection. * Enabled and used CloudTrail for logging and monitoring AWS activities. * Designed fault-tolerant and highly available environments using ELB and Auto Scaling Groups. * Configured and mounted EFS on multiple EC2 instances for shared storage. |