SRILEKHA GOPANABOINA

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EDUCATION

Saint Louis University   **August 2023 - May 2025**
Master's, Computer Science   *GPA: 3.8*

JNTUH
Bachelor's, Computer Science

CERTIFICATIONS

2025 - Google Data Analytics Certificate, Google, Inc.

2025 - AWS Certified Cloud Practitioner, Amazon, Inc.

2022- Certified ServiceNow Administrator and Certified Application Developer ,ServiceNow.

PROFESSIONAL EXPERIENCE

Accenture   **Hyderabad, TG, India**
Associate software engineer   *May 2021 - May 2023*

- Enhanced API performance by 20% by implementing RESTful APIs and microservices architecture using Python and Java.
- Optimized identity and access management processes through ServiceNow integration with third-party tools, coordinating development life cycle activities and utilizing JIRA for task tracking.
- Increased operational efficiency by 30% by automating workflows and reducing manual intervention in infrastructure provisioning, creating user stories and process flows in Confluence and Excel.
- Facilitated effective problem-solving and stakeholder communication by applying strong problem-solving skills to align technical solutions with business objectives during backend services development and integration projects.
- Streamlined the software development life cycle by documenting SDLC processes and maintaining data dependencies in Confluence, supporting project management and documentation efforts.

PROJECTS & OUTSIDE EXPERIENCE

Education and Employment Data Analysis   **St. Louis, MO, USA**

- Enhanced candidate-employer matching efficiency by utilizing data wrangling and data visualization techniques to analyze higher education degrees, job expectations, and income trends.
- Enabled informed academic choices for students by conducting thorough data analysis using Jira for tracking to identify patterns in institutional data.
- Improved understanding of employment trends by analyzing data to uncover patterns between education and job market in the Education and Employment Data Analysis project.
- Facilitated effective communication of findings by preparing detailed reports and visualizations, aiding stakeholders in decision-making.
- Supported process optimization in data projects by leveraging tools and techniques to streamline data processes, ensuring accurate and timely analysis.

Dehazing Image Using Sky Adaptive Fusion

- Enhanced transmission map estimation in sky regions by proposing a Bright Channel Prior (BCP), overcoming limitations of Dark Channel Prior (DCP) and improving image clarity.
- Improved image clarity and color consistency by integrating BCP and DCP using a gradient-based fusion scheme, leading to superior performance in reducing distortions.
- Preserved sky details and reduced distortions by implementing the fusion of BCP and DCP, resulting in enhanced visual quality of dehazed images.

LEADERSHIP EXPERIENCE

Event logistics team member at **TedXHyderabd**

SKILLS

Skills: Python, Java, JavaScript, MySQL, HTML/CSS, PHP, AngularJS, Adobe After Effects, C++, Data Structures & Algorithms, Object oriented programming, multi threading
Tools and Frameworks : VS code, IntelliJ, ServiceNow, JIRA, GitHub, BitBucket, Matlab, AWS, Terraform, kuberness, Docker, CI/CD Pipelines, React.js, Node.js, PowerBI

PROFESSIONAL SOCIETY

Member at Computer Society of India

EXTRACURRICULAR ACTIVITIES

Part of literature and Dance clubs ,participated at various inter college competitions nable employers to match candidates with suitable roles more efficiently.