Sai Sankar Bhuvanapalli
Tallahassee, Florida
https://www.linkedin.com/in/saisankarb/

Email : Sankar156b@gmail.com
Mobile : +1 850-354-0461
https://github.com/saisankar20

EDUCATION

- **Florida State University** — Aug 2023 – May 2025
  Master of Science in Computer Science — *GPA: 3.83/4.0*
  - Relevant Coursework: Advanced Database Systems, Cloud Computing, Machine Learning, Artificial Intelligence, Software Development, Advanced Algorithms
- **Jawaharlal Nehru Technological University, Hyderabad** — Aug 2017 - Jul 2021
  Bachelor of Technology in Computer Science & Engineering — *GPA: 3.14/4.0*
  - Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Cloud Computing, Machine Learning

TECHNICAL SKILLS

- Programming Languages: Java, Python, SQL, JavaScript, C++, C, Prolog
- Web Technologies: React Native, HTML, CSS
- Cloud & Tools: AWS Lambda, AWS CloudFormation, Amazon RDS, S3, CloudWatch, SNS, SQS, Jenkins, GitHub Actions, AWS IAM, Secrets Manager, Step Functions.
- Databases: Oracle, MSSQL, MySQL, PostgreSQL, Amazon RDS
- DevOps Tools: Jenkins, GitHub Actions

WORK EXPERIENCE

- **Florida state University ITS** — Jun 2024 – Present
  Tallahassee, Florida — *Data Intern*
  - Developed and maintained data analysis reports using Python, SQL, and Excel, supporting high-level decision-making.
  - Managed and optimized over 10,000 records in databases, ensuring 99% accuracy and streamlined data handling processes..
  - Designed and created automated scripts, reducing data entry time by 15% and enhancing operational efficiency.
  - Created executive-level reports with advanced data visualization tools, facilitating strategic insights for senior management.
- **Infosys** — Jul 2021 – Aug 2023
  Hyderabad, India — *Systems Engineer*
  - Spearheaded the deployment of 20+ AWS CloudFormation scripts, contributing to a 30% improvement in infrastructure scalability.
  - Streamlined data processes by consolidating over 1,000 records into Amazon S3, increasing data accessibility and efficiency.
  - Led the conversion of legacy FTP pipelines to SFTP, enhancing data security for large-scale data transfers.
  - Engineered AWS Lambda functions to handle over 1 million database queries monthly, reducing processing time by 25%..
  - Implemented a monitoring pipeline to identify and rectify system failures, cutting downtime by 40%.

PROJECTS

- On Analyzing Graphs with Motif-Paths
  - Implemented algorithms in C++ to enhance graph analysis speed by 20%, demonstrating strong problem-solving skills
  - Conducted experiments on real-world datasets, validating performance gains for advanced data analytics.
- Facial Recognition System Mobile Application
  - Developed a React Native mobile app with facial recognition capabilities, showcasing full-stack development expertise.
  - Improved operational efficiency by reducing manual attendance recording by 50%.
- Twitter Sentiment analysis
  - Built a sentiment analysis tool in Python, effectively classifying 5,000+ tweets with an 80% accuracy rate.
  - Demonstrated proficiency in natural language processing and machine learning techniques.