

Sriram Sohan Basa

617.6022.891 | basa.s@northeastern.edu | [linkedin.com/in/Sriram-Sohan-Basa](https://www.linkedin.com/in/Sriram-Sohan-Basa) | github.com/SriramSohanBasa

EDUCATION

Northeastern University

Expected May 2025

Master Of Science in Computer Science and Engineering

Boston, MA

Coursework: Application Engineering Development, Web design/User Experience, Database Management and Database Design, Programming Structures and Algorithms

JNTU

May 2022

BTech in Computer Science

Hyderabad, Telangana

Coursework: Networking, Data Structures and Algorithm, Compiler Design, Machine Learning, Operating Systems, Artificial Intelligence, Unix Tools and Scripting

TECHNICAL SKILLS

Languages: Java,Python,C/C++, C#,SQL(MySQL, MongoDB),JavaScript,Typescript, HTML/CSS,HTTP, PHP,GO

Frameworks: React.js, Node.js, Redux, Bootstrap, Microservices, Express.js, FastAPI, ASP.net, web services

Tools: Git, Docker, VS Code, Postman, Linux, PyCharm, IntelliJ, Power BI, Tableau,Jira

Cloud: Azure, AWS, EC2, ECS, ECR, S3, CodeBuild, Route 53, Google Cloud Platform

Libraries: Numpy, Pandas, PyTorch, Computer Vision, TensorFlow, SVM, CNN,NLP,LSTM

EXPERIENCE

Capgemini

Jul 2022 - Jul 2023

Senior Software Engineer

Bengaluru, India

- Designed and executed advanced Python scripts for efficient data transformation and analysis in financial services, enhancing data handling by 30%
- Successfully led a cross-functional team in a key data integration project, achieving a 20% boost in process efficiency.
- Led the design and implementation of database schemas, ensuring optimal structure and data integrity for financial datasets.
- Optimized SQL queries and implemented best practices in database design to enhance scalability and performance of data-driven applications.

Capgemini

Feb 2022 - Jun 2022

Senior Analyst Intern

Hyderabad, India

- Acquired hands-on experience, contributing to projects that increased client data insights by 25%.

Verzeo

Jan 2020 - Mar 2020

Machine Learning Intern

Hyderabad, India

- Developed an AI chatbot using NLP and ML algorithms to automate healthcare claim auditing, improving efficiency and user interaction.
- Implemented a user-friendly web interface for easy access and interaction with the chatbot.
- Achieved a 90% accuracy rate in responding to user queries, significantly reducing manual review workload.
- Streamlined the claim review process, resulting in a 20% reduction in processing time.

PROJECTS

Travel Website | *Node.js, Express, MongoDB, HTML, CSS, JavaScript*

Dec 2023

- Developed a web application for a travel website with features such as review management, accommodation booking, Blogs, and booking functionalities.
- Designed and maintained MongoDB database for efficient storage and retrieval of travel-related information.
- Created responsive front-end interfaces using HTML, CSS, and JavaScript to enhance the user experience.
- Implemented RESTful APIs using Node.js and Express to handle user reviews, accommodation data, and bookings.

Face Recognition with Mask | *MTCNN, FaceNet, SVM, XGBoost, Naive Bayes*

Mar 2022

- Developed a face recognition model utilizing MTCNN and FaceNet to identify individuals wearing masks, achieving an accuracy of 95% in classifying mask-wearing individuals from a dataset of 10,000 images.
- Conducted experimentation with various classification algorithms, including SVM, XGBoost, and Naive Bayes, to improve the accuracy of the model, resulting in a 15% improvement in accuracy from initial tests.