

# Aliraza Shinde

(864) 722-7967 | alishinde21@gmail.com | Clemson, SC  
Portfolio | LinkedIn | GitHub | Leetcode

## Work Experience

### Infosys - Airbus

Oct 2022 - Dec 2024

System Engineer — React, Node.js, Express, Docker

- Reduced query turnaround time by 30% by implementing security authentication services in a single call.
- Reduced onboarding time by 40% by maintaining structured documentation using Swagger.
- Carried out unit testing as well as regression testing to verify deliverables.
- Worked on RESTful routes and implemented route-masking for security.
- Co-ordinated with ERP team to create ODATA protocol services using REST convention for Airbus internal portal.
- Collaborated in an Agile development environment, participating in sprint planning, daily stand-ups, and retrospectives.

### GlobalShala

Dec 2021 - Jan 2022

Data Analyst — Python, Tableau, R

- Coordinated with the financial and marketing team and created Visualization from the advertisement campaign data to assist in discontinuation of loss making advertisements and increased profit by 15%
- Created charts and reports using R programming, python and tableau for financial and marketing teams as evidence using data.
- Generated predictions using Linear Regression and created reports for stakeholders to understand conclusions

## Technical Skills

**Languages/Frameworks:** Java, SpringBoot, Node.js, React, HTML, CSS, JS, Python

**Databases/Cloud:** AWS (S3, Lambda, EC2, DynamoDB), MySQL, MongoDB

**Tools:** Git, GitHub, Docker, VS Code

## Projects

### YelpCamp (Link)

Javascript, HTML, CSS, Bootstrap, Express, Node, MongoDB, Render

- End-to-end application with Express, Node.js, MongoDB, Javascript and CSS.
- Created templates using EJS, carried out session management.
- Implemented authentication using PassportJS and added security features using Helmet.
- Implemented geospatial JSON to integrate maps functionality to pinpoint locations.

### GNN Summarize (Link)

Python, Pytorch, pytorch geometric, transformers, networkx

- Carried out preprocessing using Knowledge graphs with networkx to build robust contextual learning graphs
- Used GNN to improve expected ROUGE-1 score for legal text summarization

### File Upload Module (Link)

Typescript, Nestjs, Cloudinary, Prisma, Postgres

- Upload single or multiple files to Cloudinary via REST endpoints using multer as a middleware.
- Validates file mimetype and enforces a maximum file size and prisma to store file upload details in Postgres.

### Rate Limiter with Redis (Link)

Typescript, Nestjs, Redis, postgres

- Distributed rate limiting with Redis for high scalability.
- CRUD operations for creating tasks and stores in postgres, with rate limiting for users that can be customized.

## Education

Clemson University, Clemson, SC

Dec 2026

M.S. in Computer Science

University of Mumbai, India

May 2022

B.E. in Computer Engineering

## Publications

AI in Entertainment - Using Cosine Similarity

Jan 2023

IEEE Xplore (Link)