

# SHYLESH S

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## WORK EXPERIENCE

### Full Stack Developer

ansrsource

Apr 2025 – Present

Bengaluru, Karnataka

- Orchestrated web and mobile app development using **ReactJS**, **NextJS**, **NodeJS**, **React Native (Expo)**, and **TypeScript**, reducing prototype-to-MVP time by **20%** and enhancing cross-platform functionality.
- Designed robust deployment strategies with the **AWS EC2**, **S3**, **Docker**, and **CI/CD pipelines**, decreasing deployment errors by **40%** and improving the reliability of the system.
- Engineered scalable **microservices** using **Flask** and **Python**, enhancing backend response time by **30%** and supporting the growth of concurrent users.

### Junior Full Stack Developer

ansrsource

Apr 2023 – Mar 2025

Bengaluru, Karnataka

- Led the development of ansrTMS, reducing on-boarding time by **35%** and boosting training completion rates; received Spot Award for project success.
- Recognized with the **Star of the Quarter** award for developing a custom LLM and chatbot that boosted client interaction efficiency by **25%** and reduced support response times.
- Elevated code quality in **ansrTMS** by leading peer reviews and enforcing **SOLID** design principles to ensure maintainability and scalability.

### Full Stack Developer Intern

ansrsource

Oct 2022 – Mar 2023

Bengaluru, Karnataka

- Executed migration of **GranuLearn Admin** and **Player** platforms to **NextJS**, enhancing code-base maintainability.
- Independently developed the **ansrEagle** plagiarism detection tool, improving the detection accuracy of **40%** and supporting academic integrity initiatives.
- Implemented comprehensive **automated testing suites** with **Jest**, increasing test coverage by **35%** and reducing production bugs by **25%**.

## PROJECTS

### ansrAccess - Accessibility Solution

Technologies: **NextJS**, **NodeJS**, **ExpressJS**, **MongoDB**

- **Enhanced data retrieval** using optimized **MongoDB aggregation pipelines**, improving operational efficiency by **20%**.
- **Engineered AI-based alt-text generation** to improve accessibility compliance, reducing manual effort by **40%**.
- **Implemented Redis caching strategies**, reducing page load times by **25%** and enhancing overall user experience.

### ansrTMS - Cohort Management Tool

Technologies: **NextJS**, **NodeJS**, **MongoDB**

- **Designed** and implemented a cohort-based training platform to automate scheduling, tracking, and completion of employee training, reducing manual oversight by **35%**
- **Integrated Microsoft Teams and Outlook** for scheduling, enabling automatic notifications and invites, improving coordination and reducing scheduling conflicts.
- **Programmed** a skill-based **matching algorithm** to auto-assign hosts to events, reducing manual scheduling overhead and accelerating coordination workflows by **30%**.

## SKILLS

**Programming Languages:** HTML, CSS, JavaScript, Python, TypeScript

**Frameworks & Libraries:** NextJS, ReactJS, NodeJS, ExpressJS, React Native (Expo), Flask, Jest, Zustand

**Databases:** SQL, MongoDB, Redis

**DevOps & Cloud:** Docker, AWS EC2, S3, CI/CD, Git, Linux

**Development Tools:** OAuth, JWT, GraphQL, WebSockets, RESTful APIs

## EDUCATION

**B.Sc. in Computer Science, Mathematics, Electronics**

St. Joseph's College, Bengaluru

2019 - 2022

Bengaluru, Karnataka