

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