

Anurag Shettigar

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Experience

Technology Analyst

Pune Jan 2025 – Present

Infosys Limited

- Spearheaded the development of **Pharos**, a flight schedule optimization system, from the ground up and contributing to core functionalities in the early development stages.
- Collaborated with the team to design and implement a **Multi-Frontend Application (MFE)** architecture using **Module Federation**, ensuring scalability and modularity.
- Utilized **React.js** for frontend development and **Julia** for backend services, optimizing application performance and maintainability.
- Integrated **Harness.io** as the CI/CD pipeline, streamlining deployment and automated testing workflows.
- Developed a module to fetch and manipulate data by utilizing **Amazon States Language** and **AWS Step Functions**, enhancing automation and data processing capabilities.
- Leveraged **PostgreSQL** for database management, implementing an advanced versioning mechanism to maintain historical snapshots, ensuring data integrity and auditability.

Senior Systems Engineer

Pune Jan 2024 – Present

Infosys Limited

- Led full-stack development of a resource planning application for airport operations, demonstrating expertise in both frontend and backend development including database management
- Implemented rigorous code review processes that led to a 20% reduction in post-release bugs, maintaining high code quality standards
- Recognized as Subject Matter Expert (SME) in React.js and Julia, providing technical guidance and mentoring junior developers
- Designed and implemented a resource optimization feature that improved operational efficiency by 15% through better staffing patterns and resource allocation
- Conducted client demonstrations and efficiently integrated feedback into the development process, ensuring alignment with business requirements
- Developed an innovative feature for analyzing airplane maintenance schedules and predicting backup options, minimizing operational downtime

Systems Engineer

Pune Nov 2021 – Dec

Infosys Limited

2023

- Developed data-driven applications for predicting future operational costs using historical data, showcasing strong analytical skills
- Created reusable components and maintained coding best practices while providing critical problem-solving support
- Specialized in designing and building applications to meet complex business and operational requirements
- Actively participated in Agile development processes, contributing to sprint planning, daily stand-ups, and retrospectives
- Led initiatives in performance optimization and maintaining scalable applications using TeamCity
- Demonstrated expertise in full-stack development with a focus on frontend technologies and RESTful API integration

Education

S.I.T.R.C.

2017 – 2021

Bachelors in Engineering

Awards

Certificate of Appreciation

Oct 2023

Gail Deilman, MD (Revenue and Customer Experience Systems), United Airlines

For outstanding contributions towards the Reimagined Schedule Development - Integrated Planning System.

Insta Rise Award

Mar 2023

Saravanan Thoppae, Senior Project Manager (ADM), Infosys Limited

For excellent contributions to the project by turning around technically complex and challenging tasks within a short turnaround time.

Technical Skills

Core Technologies: React.js, Redux Toolkit, Next.js, JavaScript (ES6+), HTML5 & CSS3, RESTful APIs, TypeScript, Julia

Development Tools: TeamCity, Git, Database Management Systems

Professional Skills: Full-Stack Development, Performance Optimization, Code Review, Mentoring, Agile Methodology, Technical Leadership

Projects

Cryptocurrency Tracker -

2024

Minimal Cryptocurrency DataTable

A Responsive Web Application built with Next.js for tracking cryptocurrency prices, trends and market capitalization in a comprehensive tabular look. Also Includes feature to view detailed info about a cryptocurrency in a user-friendly design.