

# Anurag Shettigar

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## Experience

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### Technology Analyst

Jan 2025 – Present Pune

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

Jan 2024 – Dec 2024

Infosys Limited

Pune

- 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

Nov 2021 – Dec 2023

Infosys Limited

Pune

- 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

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### S.I.T.R.C.

2017 – 2021

Bachelors in Engineering

## Awards

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### 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

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**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

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### 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.