Ashish Shevale
React, Node and PostgreSQL Developer

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Skills

React, JavaScript (ES6+), PostgreSQL, Node.js, Express, Redux, HTML, CSS, SASS, SQLite3, MongoDB, TDD, Jest, Enzyme, RESTful APIs, GraphQL, Git

Work Experience

System Engineer - Tata Consultancy Services   August 2022 - Present (2.6 Years)

Day to Day Responsibilities

- Worked on a project management SPA built using React, Node, PostgreSQL and GraphQL for users to track different aspects of their factories using KPIs, graphs and tables.
- Built complex workflows to enable users to take action against low KPIs and analyze trends & patterns. Generated automated Excel and PDF reports for business meetings.
- Collaborated closely with business analysts, end-users and other stakeholders to deliver features and obtain feedback.
- Conceptualized and delivered 15+ comprehensive dashboards, often developing both front-end and back-end.
- Optimized the performance of SQL queries and developed multiple back-end stories.
- Designed and maintained a suite of reusable React components.
- Conducted in-depth exploration of npm libraries like pdfmake, victory & xlsx to develop POCs for critical features.
- Mentored junior developers by guiding them through the codebase and explaining features and new requirements.
- Conducted detailed code reviews by enforcing coding principles, reviewing database and API design, and catching logical bugs.

Performance Improvements and Code Refactors

- Migrated UI and API codebase and dependencies from Node 8 to 12, and later to Node 20. Also migrated the Jenkins pipeline and reduced deployment time from 30 minutes to 16 minutes.
- Implemented Route Based Code Splitting to reduce page load time by 84%.
- Reduced page loading time further by using a service worker and Workbox for caching files.
- Used SQL operations, AWS S3 and cron jobs to pre-generate reports to reduce download time from 6 minutes to 2 seconds.
- Led the redesign efforts for a dashboard by creating components with unit tests and applying Test Driven Development. Refactoring and code reuse reduced development time by 24 days.

Awards and Recognition

- Recognized with the Star of the Quarter Award.
- Received the highest rating in the last two appraisals.
- Participated in weekly internal coding contests and won ₹1,000 worth of vouchers.
- Cleared internal technical and soft-skills assessment in first attempt.

Projects

ClickUp Clone   github.com/AshishS-1123/ClickUp-Clone

- Developed clone of the project management tool ClickUp using Next.js, MongoDB and Express.
- Repository has 60 Stars and 19 Forks on GitHub.
- Implemented authentication and authorization using JWT.
- Users can create workspaces and spaces to store their data and dynamically nest folders and lists to organize tasks.
- Tasks can be assigned description, priority, status and due date.
- Users can view their worklist using a Kanban board, then use the drag and drop functionality to update statuses.

Coding Profiles

Stack Overflow   stackoverflow.com/users/14405606/ashish-shevale

Answered 30+ questions, 10 badges and 350+ reputation.

GitHub   github.com/AshishS-1123

54 repositories, 4 badges, 60 stars earned and 5 open-source contribution PRs

Education

B.E. Electronics and Telecommunications   CGPA: 9.5

Government College of Engineering and Research, Avasari