

Harsh gaur

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Experience

Tata Consultancy Services (TCS)

System Engineer — Node.js, Express.js, React, MongoDB, MySQL, Jest

Sep 2024 – Present

- Developed **10+ features** for multiple applications, improving user experience and meeting client needs.
- **Achieved 95% test coverage** with 50+ unit and integration tests, reducing production issues.
- Revamped legacy code, eliminating technical debt and **boosting overall application performance by 20%**

Cognizant Technology Solutions

Software Engineer — Node.js, Express.js, React, MongoDB, MySQL, AWS

Oct 2021 – Aug 2024

- **Migrated AWS SDK from version 2 to version 3**, enhancing performance and reducing technical debt for a more efficient and maintainable codebase.
- Led the **MongoDB database migration**, achieving an **88% reduction in processing time—from 13.5 hours to just 1.5 hours**.
- **Decreased support ticket volume by 20%** through automation of key tasks, enhancing efficiency and reducing manual intervention.
- Proactively **resolved production defects**, enhancing system robustness, stability, and overall reliability.

Projects

Vendor Portal:

Facilitated efficient vendor management and product listing for an online pet store

- Built with Node.js, Express, Angular.js, PostgreSQL, and MongoDB. Used AWS S3 for file storage, CloudWatch for monitoring, and AWS SDK for additional functionalities.
- Contributed to the development and maintenance of a Vendor Portal for an online pet store, facilitating vendor registration, product management, and sales with features for price negotiation and transaction records.

Investment Manager:

A banking and finance platform, enabling operations like fund purchases, switching, and redemption.

- Developed with Node.js and Express for the backend, React.js for the frontend, and integrated with MySQL and MongoDB for data management.
- Contributed to the maintenance and enhancement of a banking and finance platform. Developed new features to improve user experience, enabling functionalities like purchasing mutual funds, switching, and redemption operations.

Technical Skills

Programming Languages: JavaScript, TypeScript

Back-end Tech: NodeJs, ExpressJs, Mongoose

Front-end Tech: React, Redux, React Query, HTML, CSS, Tailwind CSS

Databases: MySQL, MongoDB

Version Control: Git, GitHub

Miscellaneous: Material-UI, REST APIs, Postman, Linux

Education

Abdul Kalam Technical University- Uttar-Pradesh, India

Bachelor of Technology (Computer Science And Engineering)

2017- 2021

Moradabad,Uttar-Pradesh