

Naresh Choudhary

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Skills

Languages: Java, Javascript, Typescript, Basic SQL, Solidity

Technologies/Frameworks: ReactJs, NextJs, Express, NodeJs, SpringBoot, Git, Jenkins, Docker, Grafana

Conceptual Skills: Data Structures & Algorithms, Object Oriented Programming Concept (OOPs), DevOps, Blockchain

Experience

Tata Consultancy Services [🔗](#)

Dec 2023 – Present

System Engineer

Insurance Portal

- **Deliverable:** Migrated a legacy *Angular* + *Java Spring Boot* application to a *React-Redux* + *Java Spring Boot* architecture with optimized performance and maintainability.
- **Tools & Technologies Used:** *React.js*, *Redux*, *TypeScript*, *Java Spring Boot*, *ag-Grid*.
- **Performance Improvements:** Optimized state management with *Redux*, enhanced *Spring Boot* API integrations, reduced response time, improved data retrieval efficiency, and increased application scalability.
- **Impact:** Achieved 30-50% faster UI rendering and 20-40% improved API response times after migration from legacy *Angular* to *React*.

Wealth Management portal

- **Deliverable:** Migrated an on-prem database to *Oracle Cloud* and *Snowflake DB Warehouse*, addressing broken functionalities due to missing *DB Link* support.
- **Tools & Technologies Used:** *Oracle Cloud*, *Snowflake*, *PL/SQL*, *JSP*, *Java*.
- **Performance Improvements:** Designed a solution to ensure seamless stored procedure execution, optimizing cross-database data retrieval and improving processing efficiency.
- **Impact:** Enabled smooth database migration with minimal disruptions, ensuring business continuity and data integrity.

Open Source Contributor, Schrödinger Hat [🔗](#)

Jan 2023

Schroedinger-Hat/osday

- Actively contributed to the *osday* repository, supporting Schrödinger Hat's mission to advance open source projects.
- **Skills Developed:** Enhanced abilities in *collaborative development*, *project management*, and *community engagement*. Gained experience in *negotiating improvements*, *addressing bugs*, and *working effectively within diverse teams*. Also learn *React* and *Next js* with *Typescript*.

Education

Government College of Engineering and Research, Avasari

Jun 2019 - July 2023

Bachelor of Electronics and Telecommunication Engineering - **Score: 8.17 CGPA**

Pune India

Shree Bhairavnath Junior College

Feb 2017 - Mar 2019

PCMC with IT - **Percentage: 80.77 %**

Pune India

Projects

Netflix Clone Deployment on AWS with CI/CD [🔗](#)

Nov 2023

- Deployed a *Netflix Clone* on *AWS EC2 (Ubuntu 22.04)* with *Docker* and TMDB API integration for dynamic content streaming.
- Implemented CI/CD pipeline using *Jenkins*, automated builds, deployments, and integrated *SonarQube* and *Trivy* for security and code quality.
- Configured *Prometheus* and *Grafana* for real-time monitoring of system health, application performance, and CI/CD pipeline status.
- Integrated *email notifications* within Jenkins to provide real-time updates on deployment and pipeline execution.
- Optimized application scalability and performance by leveraging containerization and cloud-based deployment strategies.

Genius - AI SaaS Platform [🔗](#)

Oct 2023

- Built an AI SaaS platform featuring *Conversational AI*, *Music*, *Image*, *Video*, and *Code Generation*.
- Developed with *Next.js 13*, *React*, *Tailwind*, *Prisma*, *Clerk*, and integrated *Stripe* for payments.