

# Surya Prakash Chaudhary

+91-9569780527 | [suryafeb082000@gmail.com](mailto:suryafeb082000@gmail.com) | [portfolio](#) | [github](#) | [linkedin.com/in/surya-prakash-chaudhary/](https://linkedin.com/in/surya-prakash-chaudhary/)

## SUMMARY

Senior Software Engineer with 3.5+ years of experience designing and delivering scalable web applications using the **MERN stack**, **AWS serverless solutions**, and **microservices architectures**. Proven record of reducing costs, improving system reliability, and accelerating development lifecycles through automation and performance optimization.

## EDUCATION

Dr. A.P.J Abdul Kalam Technical University

*Uttar Pradesh India*

**Bachelor of Technology** in Computer Science and Engineering

Aug 2018 – June 2022

- Graduated in top 15% of batch with **CGPA: 8.7/10**

## SKILLS

**Technical:** React, Java, NodeJs, NestJs, Spring boot, Microservices, MongoDB, Git, Testcafe

**Tools:** AWS ( CDK, S3, Lambda, CodePipeline, API Gateway, SQS, SES ), JIRA, Rally, Newrelic, Postman

## CERTIFICATIONS

- Building LLM Applications with Prompt Engineering – Aug'25 ([link](#))

## EXPERIENCE

Nagarro

*Remote, India*

**Senior Engineer**

Jan 2022 – Present

- Engineered robust **MERN** stack APIs that enhanced backend functionality, achieved 99.8% uptime
- Spearheaded innovative automation solutions using Gen AI for QA testing, reducing manual processing time by 40%
- Deployed serverless architecture using AWS CDK, and GitHub Actions, cutting infrastructure costs by 30% annually
- Orchestrated event-driven systems with AWS EventBridge, improving data synchronization efficiency by 50%
- Architected reusable **React** components with **Redux** state management, accelerating development cycles by 25%
- Implemented comprehensive **automation test cases** covering 85% of UI flows, reducing bugs by 60%
- Integrated AWS (S3, SES, SQS) for secure data storage and messaging, handling 10,000+ daily transactions
- Automated **AWS CDK** deployment, saving 8 hours weekly and ensuring 99.9% consistency across production.
- Created a script to process **S3** Parquet error files into **Snowflake**, boosting ingestion coverage by 95%
- Developed a utility to upgrade Dependabot-flagged vulnerable packages across 100+ repos

## PROJECTS

[Google Docs Clone](#)

Nov 2023 – Dec 2023

- Technologies: [Nest.js](#), [Socket.io](#), MongoDB, [React.js](#)
- Engineered core components of a real-time collaborative document editing platform utilizing Socket.io and Node.js. facilitated seamless synchronization for 50+ concurrent users, enhancing team productivity by 40%.
- Designed intuitive React-based user interface with 95% user satisfaction rating in beta testing

[Cafe Management System](#)

Nov 2023 – Dec 2023

- Technologies:** Spring Boot, React.js, PostgreSQL
- Built comprehensive management system with role-based access control supporting 5 user roles
- Automated billing processes including PDF generation and email delivery, reducing manual work by 80%

## ACHIEVEMENTS

- Accelerated project delivery timelines by 30% through implementation of automated CI/CD pipelines
- Optimized system downtime by 35% through strategic monitoring and performance optimization initiative