

Surya Prakash Chaudhary

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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