

# Sachin Navalagund

Full stack web developer

+919108243072 | [sachinnavalagund1@gmail.com](mailto:sachinnavalagund1@gmail.com) | [www.linkedin.com/in/sachin-navalagund](https://www.linkedin.com/in/sachin-navalagund) | [github.com/SachinNavalagund](https://github.com/SachinNavalagund)

## Experience

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### TCS

Bengaluru, India

### Developer

AUG-2022 – FEB-2024

- Contributed to the Swish Mobile Payment (M9) project within the Nordea application, improving functionality and user experience.
- Streamlined deployment processes in collaboration with the support team, ensuring efficient application rollouts.
- Managed and executed Change Request (CRQ) processes, ensuring compliance with organizational standards and minimizing downtime.

## Education

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### KLE Institute of Technology, Hubballi

Karnataka, India

Bachelor of Engineering in Mechanical Engineering with a CGPA of 6.3

2021

## Projects

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### VOID | Full stack web application(E-commerce)

**Technologies:** React, Node.js, JavaScript, Express, MongoDB, Razorpay, Cloudinary, and additional libraries

- Developed a user-centric e-commerce website enabling users to browse products, add them to a cart, and make secure purchases.
- Designed and implemented an admin dashboard with the following capabilities:
  - Create and manage products seamlessly.
  - Assign permissions to users to become sub-admins.
  - Manage products with advanced table features, including sorting, filtering, and pagination.
- Integrated additional functionalities to enhance the overall experience for both users and administrators.

### LMS | Learning Management System

**Technologies:** Next.js, Node.js, Express, TypeScript, Prisma, DynamoDB, AWS (S3, API Gateway, CloudFront, Lambda Functions), and additional libraries.

- Built a scalable LMS platform with distinct roles for students and teachers.
  - Student: Browse, purchase, and access course content.
  - Teacher: Create, manage, and publish courses with sections, chapters, and additional resources.
- Leveraged AWS Lambda for serverless architecture, ensuring scalability and efficiency.
- Integrated AWS S3 for media storage with React-Player for video streaming.
- Hosted and delivered through AWS services like API Gateway and CloudFront.

## Skills

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**Programming Languages:** JavaScript, TypeScript, Java, HTML, CSS

**Database Technologies:** MongoDB, MySQL, PostgreSQL, Redis

**Frameworks & Libraries:** React, Next.js, Express, Node.js, Kafka

**API & Testing:** API Documentation (Swagger), Testing (Postman, Jest, Vitest)

**DevOps & Cloud:** Docker, Kubernetes, AWS (EC2, Lambda, API Gateway, CloudFront, ECS, EKS)

**Tools:** Git, GitHub Actions, Postman, Figma

## Achievements

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- Handled High priority CRQ's during patch and migration, earned appreciation from both the manager and client.
- Presented work models during client visits, received accolades and perks.
- Recognized as "Employee of the Month" for exceptional performance and contributions.