

SAGAR SHUKLA

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[LinkedIn](#) | [GitHub](#) | [Hacker Rank](#) | [Website](#)

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EXPERIENCE

TATA CONSULTANCY SERVICES LIMITED – IT Analyst

Nov 2024 – Present

- Developing and maintaining front-end components using Vue.js and building robust backend services in Python.
- Working on serverless architecture by deploying AWS Lambda functions for backend processing.
- Handling secure API integrations and optimizing performance for high-load environments.
- Contributing to the Eli Lilly and Company project by designing scalable and maintainable solutions adhering to best coding practices.
- Engaged in Agile ceremonies and actively participating in regular sprint planning, reviews, and retrospectives.

TECH MAHINDRA LIMITED – Sr. Software Engineer

Dec 2022 – Oct 2024

- Developed backend systems using Node.js in a microservices architecture for multiple web applications under the Ziply Fiber account; created both GraphQL and REST APIs to handle complex business logic, with MongoDB as the data store.
- Optimized all APIs, significantly reducing response time, simplifying business logic, and improving logging and error-handling mechanisms.
- Followed Agile methodologies, managed tasks using Jira, and participated in regular CI/CD deployments via Jenkins and Docker containers.

COGNIZANT TECHNOLOGY SOLUTIONS – Jr. Software Engineer.

Nov 2021 – Dec 2022

- Developed a web application to calculate tour leader commissions based on product category, customer nationality, and check-in/check-out time, with real-time commission display upon product billing.
- Built a web application to check scheduled flights and manage products for customs clearance.
- Designed the project structure and implemented backend logic; led daily stand-ups, resolved bugs, and ensured smooth build deployments.

JIO PLATFORMS LIMITED – Graduate Engineer Trainee.

July 2019 – Oct 2021

- Built backend systems for various dashboard web pages across multiple Reliance businesses (Jio, Retail, Hydrocarbon) using Node.js in a microservice architecture with minimal complexity and optimized response times.
- Managed large volumes of vendor data using structured MySQL tables and logged activities in MongoDB; enhanced user experience through Redis caching.
- Utilized Sequelize as ORM and integrated Kafka for handling real-time data through publisher-subscriber patterns.

INTERNSHIP

DRDO - BRAHMOS AEROSPACE PVT LTD - Internship Trainee

March 2019

- Studied the application of AI/ML in the control and guidance systems of missiles, exploring how technologies like computer vision (AR/VR) can enhance target identification with greater precision and accuracy.
- Developed an attendance application to track and manage the attendance of all internship students from the 2019 batch.

SKILLS

- JavaScript, NodeJS, ReactJS, Java, Spring boot.
 - Jenkins, Kubernetes, Docker, Kibana.
- MySQL, MongoDB, Redis, Google Firebase.
Data Structure, Algorithms, HLD, LLD.

EDUCATION

BITS - PILANI WORK INTEGRATED LEARNING PROGRAM

May 2023 – May 2025

- **Major:** MTech in Artificial Intelligence and Machine learning.

GYAN GANGA INSTITUTE OF TECHNOLOGY AND SCIENCES

June 2015 – June 2019

- **Major:** Bachelors in Electronics and Communication Engineering.

CGPA: 8.46

COMPETATIVE PROGRAMMING

- 5 Stars in Problem Solving on Hacker Rank Coding Platform.
- 5 Stars in 30 Days of Code and 10 Days of JavaScript on Hacker Rank Coding Platform.

ACHIEVEMENTS

- Received the **Tech Mahindra Bronze Award** and earned appreciation twice from clients and senior managers for timely delivery, code optimization, and implementing robust error handling.
 - Honoured with the **Cognizant Cheers Silver Award** three times for demonstrating critical ownership, leadership, and collaborative teamwork.
 - Awarded the **Cognizant Cheers Bronze Award** for successfully delivering key features that were crucial to client satisfaction.
 - Received an **A+ performance rating** at Reliance Jio Platforms Limited for two consecutive financial years (2019 and 2020).
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