

# SAMEEP SINGH

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## EDUCATION

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|---|----------------------------------|
| • <b>VIT Bhopal University</b><br>B.Tech. - Computer Science & Engineering (Cloud Computing and Automation) | Nov 2022 - Present<br>CGPA: 8.44 |
| • <b>Senior Secondary</b>   Kendriya Vidyalaya Vehicle Factory, Jabalpur                                    | 2022   82.8%                     |
| • <b>Secondary</b>   Kendriya Vidyalaya Vehicle Factory, Jabalpur   | 2020   84.8%                     |

## TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript
- **Frontend:** ReactJS, HTML/CSS, Bootstrap, Tailwind CSS
- **Backend:** NodeJS, ExpressJS, REST APIs
- **Databases:** MongoDB, MySQL
- **Developer Tools:** AWS, Git, GitHub, VS Code

## CERTIFICATIONS

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|--|---|
| • AWS Certified Cloud Practitioner                                       | <a href="#">Verification</a>   June 2025  |
| • IBM DevOps, Agile & Design Thinking                                    | <a href="#">Verification</a>   April 2025 |
| • HTML, CSS and JavaScript for Web Developers   Johns Hopkins University | <a href="#">Verification</a>   Dec 2023   |

## PROJECTS

- **FleetOptix: Cloud-Based Fleet Management System** | ReactJS, NodeJS, AWS, MySQL
  - Developed logistics fleet management solution using AWS services (EC2, RDS, DynamoDB, Lambda, IoT Core, CloudWatch) for real-time vehicle tracking and route optimization through automated maintenance scheduling and GPS monitoring.
  - Built full stack web application with React frontend on AWS implementing data analytics to decrease fuel consumption and enhance driver safety compliance through real time monitoring and reporting dashboards.
  - Created vehicle management interface for updating fleet information. Developed driver assignment system for trip allocation and implemented maintenance scheduling module with automatic reminders and cost tracking.
- **StockWave: Stock Trading Platform** | Java, ReactJS, NodeJS, MongoDB, AWS
  - Developed full-stack stock trading platform with real-time market data integration and secure user authentication enabling buy/sell order execution with live portfolio.
  - Built responsive web application using ReactJS, Material-UI and Bootstrap with comprehensive trading dashboard featuring live analytics chart, portfolio management modules and MongoDB database integration for real-time data persistence.
  - Advanced charts and custom indicators help traders spot patterns and make smarter trades- all in one place.

## ACHIEVEMENTS

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|--|----------------------------------|
| • Special Mention - CBIT Hacktoberfest Hackathon 2024  | <a href="#">View Certificate</a> |
| • Selected For 48th Jawaharlal Nehru Science Exhibition (JNSE) - KVS National Seminar Participant. | <a href="#">View Certificate</a> |