

GEETESH SINGH

Ujjain, India

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Software Engineer II

Software Engineer | DevOps | Cloud (AWS) | Automation | ReactJS / React Native

Software Engineer with 4+ years of experience across DevOps, cloud automation, and data engineering.

Skilled in designing scalable solutions on AWS, implementing CI/CD pipelines, and automating deployments using Docker, Kubernetes, Terraform, and Ansible. Experienced in ETL pipelines, Kafka, and Databricks, with additional hands-on work in frontend development using ReactJS and React Native. Passionate about building efficient systems, streamlining workflows, and ensuring high reliability in production environments.

TECHNICAL SKILLS

Programming & Scripting: Python, Bash, Java, JavaScript, TypeScript

DevOps & Cloud: AWS (EC2, S3, RDS, Lambda, CloudWatch), Docker, Kubernetes, Ab Initio Control Center, GitHub Actions, GitLab CI, Terraform, Ansible

Monitoring & Logging: Prometheus, Grafana, ELK Stack, CloudWatch

Data & ETL Tools: Ab Initio, Spark, Databricks, MySQL, Kafka

Frontend Development: ReactJS, React Native (Expo), HTML, CSS, Bootstrap, Streamlit

Backend Development: Spring Boot, REST API, Microservices

Version Control & Collaboration: Git, GitHub, JIRA, Confluence

Operating Systems: Linux (Ubuntu), Windows, macOS

PROFESSIONAL EXPERIENCE

Wipro Limited

2020 – 2025

Data Engineer (2023 – 2025)

- Designed and deployed scalable ETL workflows on AWS, improving data processing efficiency by 25%.
- Integrated Kafka for real-time and batch data streaming, enhancing reliability across systems.
- Automated server health checks using Bash and Python, reducing manual effort by 40%.
- Optimized CI/CD pipelines via GitHub Actions and Ab Initio Control Center, improving release speed by 30%.
- Collaborated with frontend teams to integrate APIs with ReactJS dashboards for system insights.
- Mentored junior engineers in DevOps automation and backend best practices.

DevOps Engineer (2022 – 2023)

- Deployed and managed containerized applications using Docker and Kubernetes for scalability.
- Implemented Terraform and Ansible for infrastructure automation, improving setup consistency.
- Developed CI/CD pipelines with GitHub Actions, cutting deployment times by 35%.
- Enhanced observability through Grafana and CloudWatch, proactively identifying issues.
- Led agile processes ensuring on-time delivery and smooth cross-team collaboration.

ETL Developer (2020 – 2022)

- Developed high-performance ETL pipelines using Ab Initio, improving throughput by 20%.
 - Optimized Kafka schemas (JSON, AVRO) for seamless data integration.
 - Authored documentation and troubleshooting guides, reducing resolution time by 25%.
 - Supported data migration to AWS environments for analytics and reporting.
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EDUCATION

SRM IST Chennai: Bachelor of Technology – Information Technology

Certifications: JavaScript algorithm and Data structures / Spark and Python for Big Data with PySpark / Salesforce AI Associate / ICSI, CNSS (Certified Network Security Specialist) / Business Analyst assessment, LearnTube.ai / SQL Intermediate SQL / [See LinkedIn for a Complete List](#)

ADDITIONAL CREDENTIALS

Honors & Awards: All-Star Team Award / Best Individual in a Functional Role / Customer Delight Champions Award / SPOT Award

INTERESTS

Hobbies: Playing badminton, cycling, and walking. Regularly participate in sports and physical activities to stay active and healthy.

Personal Projects:

- **Dynamic Content & Image Generator:** Developed a Streamlit-based application leveraging Python, Gemini API, and Hugging Face API to dynamically generate text and story-like images, streamlining content creation with a user-friendly interface.
- **Personal Portfolio Website:** Built and deployed a portfolio website using ReactJS on Netlify to showcase technical projects and skills.
- **Mobile Application Prototype:** Designed a seamless UI experience using React Native and Expo for cross-platform mobile app development.
- **RecipeFinder (Expo + TypeScript):** Built a cross-platform recipe app with a soft-gate UX—guests browse, and authenticated users save favorites—using a single-stack navigator and reusable UI components.

Other Interests: Passionate about exploring cloud technologies, learning new tools and frameworks, and staying updated on artificial intelligence and data engineering advancements.