

SHUBHAM KUMAR GUPTA

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EXPERIENCE

Tata Consultancy Services (TCS)

Assistant System Engineer

Varanasi, Uttar Pradesh

June 2025 to Present

- Built and optimized CI/CD pipelines using Jenkins & GitHub, reducing deployment time by 40%, enabling daily automated releases, and cutting manual Docker-to-EC2 deployment effort by 60%.
- Provisioned and managed AWS infrastructure (EC2, S3, IAM, VPC) using Terraform with remote state, reducing provisioning time from 2 hours to 15 minutes and ensuring consistency across dev, staging, and prod environments.

Groveus Informatics

Web Developer

Siliguri, West Bengal

July 2024 to June 2025

- Designed responsive websites using PHP, JavaScript, and HTML/CSS, ensuring cross-device compatibility.
- Improved website performance and executed SEO best practices to improve search engine visibility and rank.

EDUCATION

KIET Group of Institutions (AKTU)

Bachelor of Technology in Computer Science And Engineering (74.8)

2020 to 2024

Ghaziabad, Uttar Pradesh, India

Jawahar Navodaya Vidyalaya (CBSE)

Intermediate(91.8)

2017 to 2019

Mau, Uttar Pradesh, India

PROJECTS

Food Order Website | *React, Node.js, MongoDB*

- Developed a full-stack food ordering platform with real-time order processing, designing REST APIs handling 100+ daily requests during testing.
- Enhanced MongoDB queries to improve performance, reducing response time by 30%.

DevOps CI/CD Pipeline Project | *Jenkins, Docker, AWS EC2, GitHub*

Team size: 2

- Designed and applied an end-to-end CI/CD pipeline using Jenkins and GitHub to automate build, testing, and deployment workflows.
- Containerized the application with Docker and deployed it on AWS EC2 using Nginx reverse proxy, improving deployment efficiency and reliability.

Packers Movers Website | *HTML, CSS, JS, PHP, XAMPP, CodeIgniter*

Team size: 2

- Publicly hosted website for a moving services company.
- Features include service listings, contact forms, and responsive design for accessibility on all devices.

TECHNICAL SKILLS

Programming: C, C++, Java, JavaScript, PHP, SQL, HTML5, CSS3

Frameworks & Libraries: React, Bootstrap 5, CodeIgniter, STL

DevOps & Cloud: AWS (EC2, S3, IAM), Jenkins, Docker, Terraform

Tools & Platforms: Git, GitHub, Linux, XAMPP

CERTIFICATES

- **AWS Academy:** [AWS Academy Cloud Foundations](#)
- **Udemy:** [Docker](#)

ACHIEVEMENTS

- Achieved 2-star rating on CodeChef (Max rating: 1443) with silver badge for participation in 30+ contests.
- Solved 300+ problems on LeetCode, focusing on Arrays, Strings, Stacks, Queues, Linked Lists, and Hashing.