

# Rahul Bhatia

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## PROFILE

Software Engineer specializing in backend development with Python, Django, and FastAPI, and skilled in cloud deployment and CI/CD automation. Experienced in building and deploying REST APIs using Docker and AWS, and in supporting scalable, production-ready backend systems. Proficient in monitoring performance, troubleshooting CI/CD pipelines, and collaborating with cross-functional teams using strong problem-solving and Agile methodologies to deliver reliable software solutions.

## TECHNICAL SKILLS

**Programming Languages:** Python | JavaScript | TypeScript | Java | Shell Script

**Frontend Development:** HTML | CSS | Tailwind CSS | React.js | Next.js

**Backend Development:** Django | FastAPI | REST APIs

**Databases:** PostgreSQL | MySQL | MongoDB

**AI & Machine Learning:** Prompt Engineering | LLM Integration (OpenAI API, Hugging Face) | AI Libraries: Scikit-learn, Transformers, LangChain, Ollama | Data Preprocessing (Pandas, NumPy) | Basic Model Fine-Tuning

**DevOps & Cloud:** AWS | Docker | Kubernetes | Jenkins | Git | GitHub | Terraform | Ansible

**Monitoring & Tools:** Prometheus | Grafana | Linux

## PROFESSIONAL EXPERIENCE

### Capgemini India Private Ltd

*Analyst (DevOps Engineer)*

08/2025 - 11/2025 | Pune, India

- Improved system visibility by 30% by monitoring logs and performance with Linux tools and AWS CloudWatch.
- Reduced CI/CD issue resolution time by 25% through proactive troubleshooting and pipeline optimization.
- Cut manual setup time by 70% by automating deployments with Terraform and Ansible.
- Accelerated team onboarding by 40% by documenting workflows and best practices.

### Capgemini India Private Ltd

*DevOps Engineer Intern*

02/2025 - 08/2025 | Remote

- Automated CI/CD with Jenkins/GitHub, reducing manual deployment tasks by 50%.
- Configured IaC with Terraform/Ansible, eliminating 80% of manual server provisioning.

## PROJECTS

### End-to-End CI/CD Pipeline for Node.js Application

- Engineered a fully automated CI/CD pipeline for a Node.js app using Jenkins and Docker, reducing deployment time by 40%.
- Provisioned AWS infrastructure as code with Terraform, ensuring repeatable and scalable environments.
- Configured servers and applications using Ansible, reducing manual configuration errors by 60%.
- Streamlined the entire DevOps workflow, improving team productivity by 35%.

## EDUCATION

### Master of Computer Applications (MCA) - 9.91 CGPA

2023 - 2025 | Pune, India

JSPM's Rajarshi Shahu College of Engineering

### Bachelor of Computer Applications (BCA) - 7.8 CGPA

2020 - 2023 | Surat, India

C B Patel Computer College

## CERTIFICATES

- Aws Cloud Practitioner Essentials - AWS (2025)
- Python For Data Science - NPTEL (2024)
- Master Python Programming: The Complete Beginner to Advance - Udemy (2025) 

## LANGUAGES

- English
- Hindi
- Gujarati
- German

## RESEARCH PAPER PUBLICATIONS

"Unifying DevOps and Kubernetes: Automation Techniques for Modern Software Delivery"- (IJRAR) - 2025 