

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

08/2025 – 11/2025 | Pune, India

Analyst (DevOps Engineer)

- 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

02/2025 – 08/2025 | Remote

DevOps Engineer Intern

- 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)
- Master Python Programming: The Complete Beginner to Advance - Udemy (2025) 🔗
- Python For Data Science - NPTEL (2024)

LANGUAGES

- English
- Hindi
- Gujarati
- German

RESEARCH PAPER PUBLICATIONS

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