Anurag Ranjan

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Summary | DevOps Engineer with 1+ years of technical support experience in enterprise environments. Skilled in troubleshooting and debugging technical systems, with expertise in REST APIs, AWS services (S3, CloudWatch, API Gateway), and database operations. Proven track record in operational support, incident management, and scripting automation. Passionate about operational excellence and customer-focused technical innovation.

Technical Skills

AWS Services	S3, CloudWatch, API Gateway, Lambda, EC2	**Databases**	MySQL, MongoDB, Query Optimization
Programming	Python, Shell/Bash Scripting, Node.js	**DevOps Tools**	Jenkins, Docker, Kubernetes, Terraform
APIs & Debug	REST APIs, Postman, Error Code Analysis	**Monitoring**	CloudWatch Metrics, Prometheus, Grafana

Professional Experience

Impressico Business Solutions　　　　　　　　　　　　　　　　　　　　　　　　　**Jan 2024 – Present**
Associate DevOps Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Noida, India*
- Provided **technical support** for 10+ customer-facing applications, resolving 95% of issues within SLA
- Troubleshot and debugged technical issues involving **Kubernetes, OpenSearch**, analyzing logs, error codes, and exceptions
- Implemented monitoring solutions using **CloudWatch** and custom health metrics for proactive issue detection
- Automated operational tasks using **Python and Shell scripts**, saving 15 hours/week of manual work
- Worked with **AWS services** including S3 for log storage, API Gateway for service integration, and CloudWatch for monitoring
- Automated **EKS cluster and Jenkins upgrades**, reducing manual effort by 80% and minimizing downtime

HealthKart　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Jan 2023 – July 2023**
Software Development Engineer Intern
- Supported the development and testing of RESTful APIs, improving back-end functionality.
- Collaborated with team members during debugging and troubleshooting sessions to improve system reliability.
- Participated in code reviews and team meetings to understand project workflows and improve coding standards.

Education

KIET Group of Institutions　　　　　　　　　　　　　　　　　　　　　　　　　　　　**2019 – 2023**
Bachelor of Technology in Information Technology　　　　　　　　　　　　　　　　　　　　*CGPA: 8.14*

Key Projects

Serverless Full-Stack Portfolio with Automated DevOps Lifecycle *[GitHub]*
- Architected serverless app using AWS Lambda, API Gateway, DynamoDB achieving **99.99% uptime**
- Implemented CI/CD pipeline with GitHub Actions, reducing deployment time by **80% (30min to 6min)**
- Optimized React.js frontend with CDN caching, improving page load speed by **65%**
- Reduced monthly infrastructure costs by **75%** using serverless vs traditional EC2

EKS Cluster Automation and Jenkins Migration　　　　　　　　　　　　　**Impressico Business Solutions**
- Automated EKS cluster provisioning and Jenkins upgrade process, reducing manual effort by **80%**
- Migrated 50+ microservices to containerized environment with zero downtime deployment
- Implemented Infrastructure as Code using Cloudformation for **reproducible environments**
- Created automated rollback mechanisms ensuring **99.9% deployment success rate**

Achievements

KIET Codechef Chapter Executive Member
- Organized and managed coding events, boosting competitive programming participation.

Leetcode Success *Link*
- **Solved over 750 algorithm problems**, demonstrating strong problem solving skills and dedication.

Postman API Student Expert
- Recognized for excellence in **API design, testing, and automation** using Postman.

Certifications
- **Introduction to Git and GitHub**
- **Data Structures and Performance**
- **Palo Alto Networks Academy Cybersecurity Foundation**
- **CCNAv7: Introduction to Networks**