

# AMAN PUSHP

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**DevOps Engineer** with expertise in **CI/CD pipelines, cloud infrastructure, and automation**. Proficient in **Docker, Kubernetes, Jenkins, and GitHub Actions**, with strong experience on **AWS cloud services**. Skilled in designing and managing **Infrastructure as Code (Terraform)** to build scalable, secure, and high-performing systems. Focused on delivering efficient, reliable, and automated software solutions.

## EDUCATION

### Master of Computer Application (MCA)

Silicon University, Bhubaneswar, Odisha

Sept 2023 - Aug 2025

**7.56 CGPA**

### Bachelor of Computer Application (BCA)

Vinoba Bhave University, Hazaribagh, Jharkhand

July 2018 - Aug 2021

**7.85 CGPA**

## PROJECTS

### [VProfile Web Application Deployment on AWS \(DevOps & Cloud Automation\)](#)

JUN 2025

- Deployed a multi-tier web app with EC2, ALB, Auto Scaling, MySQL, Memcached, RabbitMQ, Tomcat.
- Automated artifact deployment using Maven → S3 and Route 53 DNS.
- Ensured HTTPS, health checks, scaling, and cost optimization.
- Technologies: AWS EC2, S3, ALB, Auto Scaling, Route 53, IAM, MySQL, Memcached, RabbitMQ, Tomcat, Maven, Git, SSL/TLS

### RE-architecting Web Application on AWS Cloud (PaaS & SaaS)

AUG 2025

- Redesigned a scalable app using Elastic Beanstalk, RDS (Aurora MySQL), CloudFront, Memcached, Amazon MQ.
- Implemented CI/CD with Maven, caching, custom domains, SSL/TLS, and cost-efficient cleanup.
- Technologies: AWS EC2, RDS, Elastic Beanstalk, CloudFront, Amazon MQ, Memcached, Git, Maven, SSL/TLS

### CI/CD Pipeline for Node.js Application

SEP 2025

- Built a fully automated CI/CD pipeline with CodePipeline & CodeBuild, deploying to EC2/S3.
- Managed artifact versioning, rollback, and monitoring.
- Technologies: AWS CodePipeline, CodeBuild, EC2, S3, Git, Node.js

### Serverless To-Do API

OCT 2025

- Developed a serverless API using Lambda, API Gateway, DynamoDB for auto-scaling and cost efficiency.
- Designed for high availability and modern cloud architecture.
- Technologies: AWS Lambda, API Gateway, DynamoDB, Node.js, Git

## CERTIFICATION

- [Introduction to Internet of Things \(NPTEL\)](#)
- [Management Information System](#)
- [AWS Master](#)
- [DevOps Certification](#)
- [MERN Stack Web Development](#)
- [CodeClash 2025 – The Battle of Algorithms](#)

## RELEVANT COURSEWORK

- Frontend & Backend Development
- Python development
- Data Structure & operating System
- Full Stack Development
- Java development

## SKILLS

### TECHNICAL SKILL

- Programming: Java, Python, C, SQL
- Frameworks: ReactJS, Node.js, Express.js
- Web Development: HTML, CSS, JavaScript, Tailwind CSS, Bootstrap Tools &
- Platform: Git, Github, VS Code, Ubuntu, Linux, Postman, Figma
- Cloud Development: AWS, Docker, Kubernetes, Jenkins, Github Action Database:
- Oracle, MongoDB, MySQL, PostgreSQL, AWS RDS, Dynamo DB

### SOFT SKILL

- Leadership
- Critical Thinking
- Collaboration
- Adaptability
- Problem-Solving
- Public Speaking