PRAVEEN A

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PROFESSIONAL SUMMARY

DevOps and Cloud enthusiast with hands-on experience in CI/CD pipelines, containerization, and AWS - based deployments. Strong foundation in Docker, GitHub Actions, and Bash scripting. While I currently specialize in AWS, I am highly adaptable and eager to learn emerging cloud platforms like Oracle Cloud and Microsoft Azure as part of my professional growth.

EDUCATION

Bachelor of Technology in Information Technology

K.S.Rangasamy College of Technology, Namakkal

CGPA: 7.5 / 10 │ Expected Graduation: July 2027

TECHNICAL SKILLS

- **DevOps:**Docker,Jenkins, GitHub Actions
- **CI/CD:** GitHub Actions, Bash Scripting
- **Cloud: AWS** (EC2, S3, RDS, Route53, IAM, CloudWatch, CloudFront, Auto Scaling, ALB, ACM), AWS CLI , Basics of **Azure Services**
- **IaC:** Terraform
- **Programming & Scripting:** Python, Bash
- **Monitoring:** Amazon CloudWatch, Linux CLI tools
- **Version Control:** Git, GitHub
- **OperatingSystems:** Linux (Ubuntu, Amazon Linux), Windows

INTERNSHIP

Eduskill By Google AI/ML

- Built ML models using Python and Scikit-learn on Google Colab
- Automated training with GitHub Actions and Bash scripts
- Practiced Agile workflow and CLI-based tooling

PROJECTS

Re-Architected Scalable 3-Tier Web App on AWS
- Designed and deployed a 3-tier architecture using Route53, CloudFront, Elastic Beanstalk, ALB, and Auto Scaling Groups
- Monitored performance using CloudWatch and stored build artifacts in S3
- Integrated RDS, MQ, and Memcached for backend services and caching

Containerized Python Web App with Docker & Docker Compose
- Created Dockerfiles for app (Tomcat), DB (MySQL), and frontend (NGINX)
- Built and tagged custom Docker images; orchestrated with Docker Compose
- Pushed images to DockerHub and verified multi-container functionality

Automated CI/CD Pipeline with GitHub Actions, Docker, and AWS
- Built a CI/CD pipeline using GitHub Actions to automate testing, image builds, and deployment on AWS EC2
- Containerized app with Docker, pushed images to DockerHub, and deployed on EC2 via secure SSH
- Streamlined production deployment from code push to live release with zero manual intervention

CERTIFICATIONS

- AWS Cloud Practitioner (In Progress)
- Blockchain and Cryptocurrency from Beginning - Udemy
- Getting Started with Git and GitHub – Udemy
- Privacy and Security in Online Social Media – NPTEL
- GitHub Advanced Security (In Progress)
- GitHub Foundations – GitHub

LEADERSHIP & VOLUNTEERING

CoreMember & Former Treasurer–SM Volunteers, *K.S. Rangasamy College of Technology*

- Organized social drives & awareness campaigns
- Managed budgets & event logistics for 100+ attendees
- Built communication & teamwork skills