Priya Rani

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Profile

Seasoned Software Developer with 13+ years of experience in backend development, cloud technologies (AWS & Azure), and CI/CD. Strong T-shaped profile, combining deep expertise in cloud solutions and DevOps automation with broad knowledge across full-stack development, architecture, and security. Proven ability to lead teams, architect resilient systems, and drive innovation to deliver scalable, secure, and high-performance applications.

Skills

Cloud Platforms
AWS/Azure

Web Development & Frameworks:
Node.js/Express.js/GraphQL/GraphClient/RESTful APIs/XML/Sharepoint/NGINX/Hugo/React/TypeScript/npm/Vercel/Tailwind CSS

Architectural Patterns
Microservices/Serverless/Event-Driven

Security
OAuth/OIDC(Azure SSO)/JWT (JSON Web Tokens)/Data Encryption

Logging & Monitoring
Azure Log Analytics/Amazon CloudWatch Logs/Pino

Database & Storage
S3/PostgreSQL/MongoDB/Redis/azure Blob Storage

Programming Languages & Scripting
Python/JavaScript/TypeScript/Bash/Shell Scripting/C++

Containerization & Orchestration:
Docker, Docker Compose/Kubernetes/Helm Charts/YAML/External Secret Operator (ESO)/ArgoCD

Version Control, DevOps & (IaC)
Version Control: Git, Azure DevOps/CI/CD: Azure DevOps, Pipeline/Code Review/IaC: Terraform, Bicep

Tools & Platforms
Grafana/Prometheus/Markdown /Kafka/Jmeter/jest
JIRA and Confluence

Software Development Methodologies
Agile/Scrum/Kanban

Project Management & Documentation
JIRA / Confluence

Professional Experience

Redspace Inc. 🔗   Nov 2020 – Jan 2025 | Halifax, Canada
Senior Software Developer

Training Website Development for a defense client (Azure):
- Led Azure solutions for a defense client, automating SharePoint configuration management across environments, improving consistency, and reducing setup time.

- Led the design and implementation of endpoints and load testing setups using JMeter and Azure Load Testing to evaluate the complete website workflow, from user login through portals, GraphQL queries, JWT authentication, and API endpoints. Optimized performance under high traffic with caching.
- Built a centralized documentation site and authored the backend architecture document.
- Implemented CI/CD pipelines, optimized code, and established Bicep IaC foundation. Used Docker and Kubernetes for microservice containerization and orchestration, ensuring scalable and resilient deployments. Set up Confluent Kafka producer/consumer for event-driven communication, integrated External Secret Operator (ESO) and KeyVault credentials for secure pipeline management, and enabled Azure Log Analytics for monitoring and troubleshooting.

Sports Application Platform Development (AWS):
- Led the development and deployment of an ETL pipeline for a sports application, leveraging microservices, terraform, EC2, and serverless solutions.
- Designed and implemented an ETL pipeline using AWS services like S3, Lambda, SNS, SQS, API Gateway, and EC2 for efficient data processing.
- Developed Python scripts for data extraction and transformation, integrated external APIs, and ensured pipeline reliability with CloudWatch alarms for performance monitoring and issue resolution.

Mphasis Ltd. 🔗   Nov 2019 – Jul 2020 | Bengaluru, India
Delivery Module Lead
- Led the **final module delivery** for **HPE Smart Storage devices**, integrating **device driver libraries and automation tools**.
- Designed an **automated build tool** using **Python**, reducing manual effort and improving efficiency.
- Acted as **client liaison**, managing software development lifecycle from **requirement gathering to deployment**.

Siemens Healthineers 🔗   Apr 2015 – Oct 2019 | Bengaluru, India
Senior Software Engineer
- Developed DICOM-compliant medical imaging software in C++, optimizing Patient browser and patient data management.
- Led a 4-member team to develop an impact assessment tool for analyzing critical code changes.

Wipro Technologies 🔗   Oct 2011 – Mar 2015 | Bengaluru, India
Software Engineer
- Developed C++/MFC executables and UIs for Toshiba MFP and e-STUDIO, enabling scanning, job backup, Address Book management, and status monitoring, enhancing operational efficiency.
- Led OEM module deployment, handling InstallShield packaging, design/release documentation, and ensuring seamless version control and connectivity.

Education

Bachelor of Engineering
2008 – 2011 | India

Certificates

- AWS Certified Developer - Associate 🔗