

Puneeth Prakash

Senior Software Engineer


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Bengaluru, India

Profiles

 [GitHub](#)

 [LinkedIn](#)

Technical Skills

NodeJs	ExpressJS
MSSQL	NoSQL
Git	Docker
AWS & Azure CLI	GitHub Actions
AWS	Azure
CloudFormation	Terraform
CI/CD	Jenkins
Microservices	Backend
Webhook	Kubernetes
DynamoDB	CloudWatch
Lambda	ECS
EKS	API Gateway
SNS	SQS

Languages

JavaScript	C#	SQL
YAML	Bash	

Certifications

AWS Certified Solutions Architect – Associate

 [Credly Certificate](#)

Key Accomplishments

Spot Award

Spot Award for completing a critical project ahead of schedule

Cost Optimisation

Achieved \$1,000+ monthly savings through AWS cost optimisation by implementing strategic resource management practice

Professional Snapshot

Experienced Senior Software Engineer with expertise in cloud-native solutions, microservices architecture, and DevOps practices. Skilled in designing scalable systems, automating workflows and optimising processes to drive operational efficiency. Passionate about solving complex technical challenges and delivering impactful, high-quality solutions.

Work Experience

One Advanced

1 February 2021 - Present

Senior Software Engineer

Bengaluru

- Designed and implemented .NET Worker Services for event-based backend operations, including logging, encryption, and database interactions, to create reusable and efficient templates
- Built a middleware microservice with Node.js on AWS Fargate ECS containers, AWS Lambda, DynamoDB, and secured with OAuth2 authentication via Keycloak
- Developed Azure WebJobs to expose webhook endpoints, enabling integration with Microsoft services for real-time event handling and synchronization
- Developed end-to-end CI/CD pipelines on GitHub Actions and Harness, writing pipeline scripts in CloudFormation and Terraform, significantly reducing manual effort and streamlining deployment
- Deployed Kubernetes clusters on AWS EKS for Inlets Pro as a reverse proxy, secured with Cert-Manager, and implemented CI/CD pipelines for deployment and maintenance
- Conducted training sessions on AWS services and DevOps practices, enabling team skill development and promoting a culture of continuous learning

One Advanced

19 March 2018 - 1 February 2021

Software Engineer

- Developed a .NET WinForms application to automate software installation and database updates, improving efficiency by 92% and reducing setup time from 1 hour to 5 minutes
- Collaborated on the development of a serverless customer portal using AWS Lambda, API Gateway, and S3
- Optimized database performance by rewriting SQL stored procedures, achieving a 50% improvement in query efficiency
- Implemented CI/CD pipelines using Jenkins to enable reliable and repeatable application deployments

Samsung R&D

06 March 2017 – 30 November 2017

Test Engineer

Bengaluru

- Worked on Project Bixby, creating and executing 600+ test cases across functional, integration, performance, and regression scenarios
- Deployed and managed new builds on test servers for testing
- Analysed crash reports and console logs on Android devices using ADB and DDMS tools to identify and resolve issues

Education

Visvesvaraya Technological University

01 August 2013 – 30 June 2017

Computer Science and Engineering