

Puneet Punj

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SUMMARY

Puneet is a seasoned AWS DevOps Senior Consultant with over 14 years of distinguished experience in the software industry. He excels in driving transformative business outcomes through expert orchestration of AWS cloud solutions and complex on-premises to cloud migrations, delivering substantial cost savings and operational efficiencies for diverse organisations. Puneet's expertise spans across AWS, Kubernetes, and Terraform, supported by a robust track record of solving complex business challenges and achieving measurable results. He is recognised as an AWS Golden Jacket achiever, underscoring his commitment to excellence and innovation in AWS cloud computing.

SKILLS

- Proficient in building event-driven solutions using AWS services, leveraging Terraform and CloudFormation for IaC implementation.
- Extensive experience in managing and administering cloud infrastructure, integrating AWS cloud components, and developing automation solutions to enhance efficiency and performance.
- Implement and enforce security best practices across cloud infrastructure and DevOps processes.
- Expertise in setting up and managing CI/CD pipelines using tools like Git, Docker, Jenkins, Buildkite, Kubernetes, and AWS CodePipeline, streamlining the process from code check-in to production deployment.
- Design and deploy serverless applications using AWS Lambda, API Gateway, DynamoDB, S3, and other serverless technologies.
- Implement and manage configuration management solutions using tools like Ansible to automate server configuration management.
- Proven ability to deliver significant cost savings for organisations by optimising cloud infrastructure and implementing efficient resource management practices.
- Programming Skills: TypeScript, Node.js, Python, Shell Scripting (bash).
- Have worked closely with cross-functional teams, including developers, architects, project managers, and business stakeholders to gather requirements, design solutions, and deliver projects.
- Experienced in working within agile teams, utilising tools like JIRA, qTest, and Xray to manage and streamline project workflows and ensure timely delivery.

PROFESSIONAL EXPERIENCE

Cevo Australia (June 2022 – Present)

SENIOR CONSULTANT – AWS & DevOps

Cevo Australia is a leading technology consulting firm specialising in AWS cloud and DevOps solutions. Cevo offers a range of services including cloud migration, infrastructure automation, continuous integration, and delivery (CI/CD), and serverless architecture design. With a strong focus on innovation and customer success, Cevo collaborates closely with clients to understand their unique business needs and deliver

tailored solutions that drive operational efficiency, scalability, and cost savings.

- Spearheaded multiple AWS and DevOps projects, delivering scalable, secure, and efficient cloud solutions.
- Led cloud infrastructure design and implementation, focusing on cost optimisation and performance enhancement.
- Developed and managed CI/CD pipelines using tools such as Jenkins, Buidlkite, Git, Docker, and AWS CodePipeline.
- Implemented Infrastructure as Code (IaC) solutions with Terraform and CloudFormation for automated provisioning and configuration.
- Enforced security best practices across cloud infrastructure, ensuring compliance with industry standards and regulations.
- Collaborated with cross-functional teams to gather requirements, design solutions, and deliver projects on time and within budget.
- Mentored and trained team members on AWS and DevOps technologies, promoting a culture of continuous improvement and learning.
- Mentored and trained junior DevOps engineers, fostering a culture of continuous learning and improvement.

Hydro Tasmania (Momentum Energy) – Melbourne - Sep 2020 – June 2022)

SENIOR AUTOMATION ENGINEER, AWS & DEVOPS ENGINEER

- Working on project as solution architect for migrating AWS workloads from Hydro tenancy to Momentum's AWS cloud
- Develop AWS microservice to get files from external vendor using AWS managed SFTP server and provide file linkage in salesforce
- Some of the AWS services exposed to – EC2, Lambda, API Gateway, S3, Transfer Family, VPC, Control Tower, RDS, DynamoDB
- Responsible for Designing, developing, and maintaining applications software
- Responsible for collaborating on and setting cloud vision; providing thought leadership in cloud infrastructure and cloud services architecture to meet operational objectives for cloud solutions.
- Build Automation Test Strategy to test retail systems like Salesforce (Lightning Components and Classic), momentum web portal, backend Orion application, AWS microservices, etc.
- Build e2e Jenkins's pipeline using code to execute various categories of tests
- Writing shell scripts to automate the jobs and scheduling cron jobs for job automation using commands with Crontab.
- Create and execute detailed performance test plans related to load, Accessibility etc
- Implemented Browser stack for the automated cross browser/device testing coverage
- Business team saved approx. 100-man hours per month in managing the files
- Upskilled team to write and manage the test automation and ended up having 80% coverage as compared to 15% earlier helped release time to reduce from month to go adhoc fortnightly.
- Identify critical issues at initial stages using monitoring and alerting framework on Sumo Logic which reduced P2 incidents by 60%

Equal Experts (BigWX) – Melbourne/Sydney - May 2020 – October 2020 (6 Months)

Jetstar (Personalisation) – Melbourne - June 2019 – Apr 2020 (10 Months)

SENIOR AUTOMATION CONSULTANT – QUALITY ENGINEERING

- Responsible for Designing, developing, and maintaining applications software.
- Architect and build highly scalable, cloud-native applications on the AWS platform using core developer services like API Gateway, Lambda, SNS, DynamoDB
- Creating end to end test automation framework to test AWS microservices, REST APIs, Salesforce, and databases.
- Built serverless framework for AWS microservices testing. Framework is available on my Medium.
- AWS Services used – Lambda, S3, DynamoDB, Glue, Athena, EMR, EC2, SNS, CloudWatch, Elasticsearch, Kibana, IAM (Identity Access Management), Parameter Store
- Build Reporting Dashboard using express-js server
- Testing of big data files (millions of records) using Athena and Glue
- Got a good exposure to Data Science and Machine Learning
- Regularly coach and mentor others on testing best practices
- Worked on performance testing tools like Gatling and K6

NAB – Melbourne - January 2018 – June 2019 (1.5 Years)

CONSULTANT – QUALITY ENGINEERING

- Creating end to end test automation framework to test AWS microservices, and Salesforce REST APIs.
- AWS Services used – Lambda, S3, DynamoDB, EMR, EC2, SNS, SQS, CloudWatch, Step Functions, Secrets Manager, IAM, ECS, ECR
- Salesforce web automation using Cypress and TestCafe
- Hosting Jenkins using its Docker image and execute test using node image to carry out Continuous Integration.
- Build Test data generator for Salesforce identities using NodeJS. Front end using pug and backend using express-js. This generator can create thousands of test records with random values in seconds.
- Story analysis and preparation of Test scenarios and Test cases
- Defect Reporting and Management

Accenture – Melbourne - August 2017 – January 2018 (6 Months)

TEST AUTOMATION ENGINEER – QUALITY ENGINEERING

Infosys – Melbourne/Mysuru - July 2010 – August 2017

TEST LEAD – QUALITY ENGINEERING

Infosys is an Indian multinational corporation that provides business consultancy, IT and outsourcing services. Being in Infosys, I worked across various financial institutes like NAB/Suntrust. During this period, I was part of various team across portfolios and had played multiple roles ranging from Test Analyst to Test Manager.

CERTIFICATIONS

AWS

- AWS Certified Advanced Networking - Specialty

- AWS Certified Machine Learning Specialty
- AWS Certified Solutions Architect – Professional
- AWS Certified DevOps Engineer – Professional
- AWS Certified Security – Specialty
- AWS Certified Data Engineer – Associate
- AWS Certified SysOps Administrator – Associate
- AWS Certified Developer – Associate
- AWS Certified Solutions Architect Associate
- AWS Certified Cloud Practitioner

Hashicorp

- Hashicorp Terraform Certified Associate

Kubernetes

- Certified Kubernetes Application Developer

Testing

- ISTQB
- TOSCA Automation Engineer

WORK STATUS

Australian Citizen