Priya Nagaraj

I would like to work in a challenging environment with opportunities to learn and explore the latest technologies.

0414936388

priya31793@gmail.com

https://www.priyaa.com.au/

EXPERIENCE

Xailient Pty Ltd, Sydney — *Senior Software Engineer*

JANUARY 2020 - PRESENT

I have been a core contributor to the design and development of the Xailient **Orchestrait™**. Worked on building a **fully serverless, end-to-end system** that powers the orchestration of AI workloads across edge and cloud, integrating SDKs into customer systems using **Dockerized components**. I collaborated closely with product and engineering teams to develop and maintain the **Xailient AI Console**, a secure, scalable web-based interface for managing AI models & configurations.

Responsibilities include developing scalable **React.js** frontends and corresponding **Python-based** backend APIs hosted on **AWS Lambda**, using services like API Gateway, SNS, SES, DynamoDB, System Manager, S3, Cloudwatch, Cloudformation. Designed and maintained **CI/CD pipelines** and containerized workloads via **Docker, ECS, AWS Batch**, and **ECR**. Participated in Agile ceremonies (daily standups, sprint planning) using **JIRA** and documented processes in **Confluence**.

Technologies Used: React.js, Python, AWS (Lambda, API Gateway, CloudFormation, DynamoDB, S3, SNS, SQS, CloudWatch, Batch, ECS, ECR, Quicksight), Azure AI, AWS Rekognition, Docker, Javascript (ES6), Jest, GitHub, CodePipeline, Slack, Confluence, JIRA.

Accomplishments: Developed and launched the frontend and backend of the **Orchestrait™ Console from the start**, which is now live and used by customers to orchestrate AI workloads. Automated data visualisation pipelines for FR and Person Object Detection, helping the team identify model regressions faster. Contributed to Docker-based build systems for SDK deployment at edge, simplifying customer integration.

RevTech Media Pty Ltd, Sydney — *Software Engineer*

MARCH 2019 - NOVEMBER 2019

Played an important role in developing the digital and campaign management platforms for One Big Switch, Fiftyup and NineSaver Websites. Responsibilities include liaising internally within our marketing team to develop user-friendly "Single Page Application" using React.js, Node.js & AWS services (Lambda, Cloudformation, API Gateway, SNS Notification, DynamoDB, System Manager, S3 Bucket, Cloudwatch, Codebuild). Daily activities include standup meetings, JIRA to find assigned weekly tasks, used to document the assigned task in confluence.

Technologies Used: React.js, Node.js, AWS Services - Lambda, Cloudformation, API, DynamoDB, S3 Bucket & Event Notification, Cloudwatch, SNS, SQS, Javascript, ES6, Jest, Github, Slack, Confluence, Jira, Codebuild.

Accomplishments: Developed Backend API for Single Page Energy offer apps and its live in production. Ported Noble Oak Life insurance rails application into working AWS Serverless application.

SKILLS

Cloud & DevOps:
- AWS: Lambda, API Gateway, S3, DynamoDB, CloudFront, SNS, SES, SQS, Secrets Manager, System Manager, IAM, Cognito, ACM, EC2, ECS (Fargate), ECR, QuickSight, Athena, Glue, Batch, SSO (for multi-account access: Dev, Test, Production)
- GCP (basic exposure)
- Docker Containers
- CI/CD: AWS CodePipeline, GitHub Actions
- Infrastructure as Code (CloudFormation, AWS SAM)
- Monitoring & Logging: CloudWatch
- Version Control: Git
- Webhooks

Backend Development:
- Python (Flask), Node.js
- REST API Design & Development
- AWS Serverless Framework

Frontend Development:
- React.js, JavaScript (ES6),

Testing & Quality:
- Unit, Integration & E2E Testing: Jest, Pytest, Cypress
- Code Quality: SonarCloud
- Test traceability using Xray Jira integration, Test-Driven Development

AI & Detection APIs:
- Amazon Rekognition,
- Microsoft Azure

Tools & Workflow:
- Agile (Scrum), Jira, Confluence
- Debugging & Defect Fixing,
- Task breakdown, project planning, and traceability in Jira

Soft Skills:
- Quick Learner, Team Player, Strong Problem-Solving Skills

Choice Childcare Pty Ltd, Sydney — *Freelancer*

FEBRUARY 2017 - JANUARY 2019

Provide IT technical support and website development from multiple childcare centres. Responsibilities include liaising with various staff members to maintain IT systems, collaboration on website development and supporting various systems integration projects.

Technologies Used: PHP, Mysql, Xampp, CodeIgniter, Node.js, Lambda, API, Github.

Accomplishments: Developed user friendly website for Lidcombe Preschool Kindergarten and hosted the website using GCP.

Bahwan Cybertek Pvt Ltd, India — *Software Engineer*

SEPTEMBER 2014 - JANUARY 2017

Developed Social Media platforms, managed asset management systems and supported full-service online reverse auction marketplace for clients from USA and India. Some of the major projects include -

Project 1 - Cuecent Pulse (Aug 2015 – Jan 2017)

Developed Social Media Core solution and comprehensive interaction management platform to track and monitor customers feedback, market, products and services on social media. Activities included coding and testing in PHP and Java, web services and designing table structure in Mysql. Creating REST API services, project-status reporting using Agile-scrum methodology, Bug fixing, JQuery, JavaScript and UI related validations.

Technologies Used: Java, Web service, PHP, MySQL, Xampp, Linux, Smarty.

Accomplishments: Developed Sentiment Analysis word cloud reports for Tamilnadu election results count on social media using d3.js and got appreciation email from Election commission of India.

Project 2 - BCT Asset Management (Sep 2014 – Jan 2017)

Managed Snipe-IT, an IT asset management system, enabling IT departments to track laptops and IT assets, asset lifecycle management, software licenses and accessories catalogue access and maintenance. Supported coding and testing of Snipe-IT Tool, creating no of users, assets, consumables and accessories. Generated weekly reports for all the projects. Generated QR codes for asset.

Technologies Used: PHP, Mysql, Xampp, Linux.

EDUCATION

University of Technology Sydney, Australia — *Master of science*

MARCH 2017 - DECEMBER 2018

- Major in Internetworking (Extension)

DCE, India — *Bachelor of Engineering*

AUGUST 2010 - APRIL 2014

- Major in Electronics & Communication Engineering

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Amazon Web Services (AWS)

Issued: October 2024

PROJECTS

Orchestrait™ - AI for Edge-to-Cloud Deployment:

https://xailient.com/solution/

Digital & Campaign Management Platforms :
https://onebigswitch.com.au/

ONLINE PRESENCE

LinkedIn Profile:

https://www.linkedin.com/in/priya-devanand/