Daniel Joseph Raj Kalaiselvan

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Professional Summary

A result-driven and resourceful professional with a background in mechanical engineering, currently transitioning into the corporate world with a focus on cloud platform development and DevOps. Demonstrated hands-on experience with AWS with a commitment to continuous learning and skill enhancement in cloud infrastructure and security.

Education

St. Joseph's College of Engineering   *2018 - 2022*
Bachelor of Engineering (Mechanical)
CGPI: 8.1 / 10

Holy Family Convent Matriculation Hr. Sec School   *2017 - 2018*

Higher Secondary School
Examination Score: 73%

Experience

Cognizant Technology Solutions

Programmer Analyst   *April 2024 – Present*

• Gained hands-on experience through training and personal projects in designing scalable and secure cloud infrastructure using AWS services.
• Familiar with configuring and managing key AWS components such as IAM, VPC, EC2, S3, CloudFront, and CloudFormation.
• Collaborated in team-based learning environments to simulate real-world DevOps workflows and integrate AWS with CI/CD tools for smoother deployment processes.

Programmer Analyst Trainee   *March 2023 – March 2024*

Gained foundational experience by working on internal cloud computing initiatives, focusing on the integration of AWS services for various project needs.

PAT Intern   *January 2023 – February 2023*
Gained practical knowledge of SQL fundamentals and basic cloud infrastructure concepts, supporting internal training projects.

Tata Consultancy Services
Intern
February 2022 - May 2022

- Completed an internship in Cyber Security, gaining experience with ArcSight and Splunk.

Projects

- **Hosted Static Website on AWS**: Developed and hosted a static website using AWS S3, HTML, and CSS.

- **Project: Fully Automated CI/CD Pipeline for Website Deployment on AWS**
- **Calculator Web Application with Full AWS CI/CD Pipeline**
  Designed and deployed a responsive calculator application accessible via a browser using AWS CI/CD services
  • Created a simple and interactive front-end UI using HTML, CSS, and JavaScript
  • Stored code in GitHub and connected to AWS CodePipeline for continuous integration
  • Automated build process with CodeBuild and deployment with CodeDeploy to EC2 instances
  • Configured EC2 roles and permissions, monitored pipeline execution, and ensured zero-downtime deployment
  • Added responsive design, on-screen numpad, and styled UI to improve user experience
- **Form Filling Website with CI/CD Pipeline (AWS Open Source Stack)**
  Developed a dynamic form submission web application deployed using a complete CI/CD pipeline.
  • Designed and styled the front-end form using HTML and CSS for user data entry
  • Built the backend using PHP to handle form submission and integrate with MySQL for data storage
  • Managed source control with GitHub and automated build and deployment using GIT, AWS CodeBuild, CodeDeploy, and CodePipeline
  • Configured EC2 instances and set up security groups, IAM roles, and S3 for versioned artifact storage
  • Implemented real-time deployment on every code push, demonstrating a production-ready DevOps workflow

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Certifications

- **Microsoft Azure AZ-900** (2023)

- **AWS Certified Cloud Practitioner**

- **AWS Certified Solutions Architect - Associate**

- **Business English Certification** - Cambridge English Assessment (B1 Level)

Skills

- **Cloud Platforms**: Proficient in AWS services including IAM, VPC, EC2, S3, CloudFront, CloudFormation, and CLI.

- **Technical**: Proficient in SQL, Microsoft Office, and Windows.

- **Languages**: Fluent in Business English.