Subburajan Perumal

Full Stack Developer | AWS Cloud Practioner

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I am a full stack developer with experience in building web applications using various technologies and frameworks. I have extensive knowledge of front-end development, back-end development, and database management. I am proficient in HTML, CSS, JavaScript, React, Node.js, MongoDB, and AWS. I have successfully deployed several projects on AWS using services such as EC2, S3, Lambda, and RDS. I am passionate about creating user-friendly, scalable, and secure web solutions that meet the needs of clients and users.

RELEVANT WORK EXPERIENCE

GhostEngines, Chennai, MAR 2023 - MAY 2023   Full Stack Developer

- Sams-Marine HRMS
    - Implemented best practices when setting up S3 as a storage system such as blocking public access, enabling MFA delete, restricting IAM user permissions, and encrypting all data.
    - Set up DNS management and SMTP for the Laravel project. Utilized Terraform for deployment and managed code using GitHub.
    - Ensured continuous integration and delivery and achieved 99.9% uptime by validating and deploying the project on Digital Ocean droplet with GitHub Actions.
    - Provisioned and scaled a MySQL database cluster with Digital Ocean managed database service.
    - Increased scalability and portability of the project by designing a modular architecture with Docker containers.
- IXL Academy Coaching Centre Management
    - System Utilized AWS and DigitalOcean to deploy a PHP project in a hybrid cloud infrastructure.
    - Migrated the PHP application from one cloud to another seamlessly, without any downtime or data loss.
    - Delivered software training to the user with clear and concise documentation.
    - Implemented infrastructure as a code using Terraform, automating the provisioning and configuration of the cloud resources.
    - Managed DNS and SMTP setup, ensuring the proper domain name resolution and email delivery for the PHP project.
    - Integrated Google Calendar API, enabling the user to sync events and reminders with the PHP project

HNR TECH, DEC 2022 - FEB 2022   (FREELANCER)

- Testlify Algolia Integration
    - Analyzed the database and API functionality to implement search features for Testlify, a web testing platform.
    - Developed responsive and user-friendly interfaces using the Vue framework.
    - Implemented search features using Algolia search, a powerful and flexible search

engine.

- ○ Wrote a MongoDB trigger for Algolia store, ensuring data synchronization and consistency.
- ○ Collaborated with the Testlify team, following agile methodologies and best practices.

GhostEngines, chennai, DEC 2021- **MAY 2022** Full Stack Developer(Intern)

- Homekonnect Lead Automation
    - ○ Confgured CRM with webhook confguration to send HTTP requests to the Flask server.
    - ○ Automated data fow from customers to valuable clients using Celery and Mongo database.
    - ○ Maintained clean and modular code for readability and understandability using Python andJavascript.
    - ○ Built a responsive and user-friendly frontend for managing the application fow using Reactjs.
    - ○ Worked on nginx as a proxy server to protect the internal server from web attacks and improve performance.

EDUCATION

Anna University, chennai, 2023 Master of Computer Application — Computer Science – **7.6CGPA**

University of Madras, chennai, 2020 Bachelor of Science — Computer Science – **70%**

CERTIFICATION

- **AWS**
    - ○ **Certified Cloud Practitioner (CLF01) - 2023**
    - ○ AWS re/Start Gradudate - 2023
- **VMWARE**
    - ○ IT Academy - Cloud and Virtualization Concepts - 2023
    - ○ IT Academy - Network Virtualization Concepts - 2020
    - ○ IT Academy - Software Defined Storage Concepts - 2020
- **HACKERRANK**
    - ○ CSS - 2023
    - ○ PYTHON(Basic) -2023
- **Cutshort**
    - ○ **Certified Python - Advanced -** 2023

PROJECTS

FOG SERVER - Disaster Backup as a Service, 2023

- It is a cloud-based backup solution that provides reliable and secure data protection for your business.
- It uses advanced technology to deliver data with zero downtime, even in the event of a disaster.
- It allows you to restore your data from any device, anywhere, anytime.

SKILLS

Technical Skills:

- Programming languages: Python, Javascript
- Frontend development: HTML, CSS, Javascript, React, Nextjs, Vue
- Backend development: nodejs, Flask, MongoDB
- Cloud computing: AWS, DigitalOcean
- Devops: Git, Docker, Terraform, Nginx
- Operating System: Windows, Linux(debian)

Languages: English, Tamil