BALAJI M

Master of Computer Applications

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 Github— in Linkedin

Objective

A highly motivated and detail-oriented Full Stack Developer with 2 years of experience, recently completed training in AWS DevOps with hands-on experience in implementing and managing cloud infrastructure. Seeking an opportunity to leverage my skills and knowledge in a challenging environment to contribute to the success of an organization.

Education

- **Master of Computer Applications**, DG Vaishnav College, Chennai — CGPA: 8.1

- **Bachelor of Commerce (Computer Applications)**, RamaKrishna Mission Vivekananda College — CGPA: 6.4

- **Higher Secondary School**, St. Thomas Matriculation Higher Secondary School — CGPA: 8.1

- **Secondary School**, St. Thomas Matriculation Higher Secondary School — CGPA: 8.9

Skills

- **Programming Languages:** Python, JavaScript

- **Frameworks:** Django Restframework, React.js, Next.js, Node.js, Express.js, Langchain(LLM Framework)

- **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, ECS, CloudFormation, VPC, Route 53, CloudFront, Code Deploy and Code Pipeline, SNS)

- **Configuration Management:** Ansible

- **Containerization:** Docker, Kubernetes

- **CI/CD Tools:** Jenkins, GitHub Actions, CodePipeline, CodeDeploy

- **Monitoring and Logging:** Prometheus, Grafana, CloudWatch

- **Version Control:** Git, GitHub

- **Infrastructure as Code:** Terraform, CloudFormation

- **Scripting Languages:** Bash, Python

- **Web Technologies:** HTML, CSS, JavaScript, REST APIs, GraphQL

- **Database Management:** PostgreSQL, MySQL, MongoDB

- **Testing Tools:** Python Selenium

- **Agile Methodologies:** Scrum, Kanban

Projects

AWS Project

- Deployed code and hosted dynamic websites using AWS services (EC2, S3, CodeDeploy, CodePipeline, CloudWatch, IAM, SNS) to manage and scale a web application.

- Configured Auto Scaling and Load Balancers for high availability.

DevOps Project

- Automated infrastructure provisioning using Terraform and AWS Lambda.

- Implemented CI/CD pipelines using Jenkins, reducing deployment time by 70%.

Mini Project

- Developed a monitoring solution using Prometheus and Grafana to track system performance and application metrics.

- Implemented containerization using Docker and Kubernetes to streamline application deployment and management.

Work Experience

Optisol Business Solutions — Full Stack Developer — 07/22 - 03/23

Odoo v12 (Python and React Developer)

- Developed RESTful APIs for communication between the React front-end and the Python back-end.

- Stored and retrieved data from PostgreSQL databases.

- Created UI and responsive webpages using React and Bootstrap.

- **Technologies Used:** React Native, React, Python, Odoo framework, PostgreSQL

Inoesis Technologies — Full Stack Developer — 05/23 - Present

ChitFund (Django RestFramework and React Developer)

- Created RESTful APIs for communication between the React front-end and the Node.js back-end.

- Stored and retrieved data from PostgreSQL databases.

- Developed UI and responsive webpages using React and React Prime.

- Used Redux toolkit for state management and RTK query for fetching APIs.

- **Technologies Used:** Next.js, PostgreSQL

JFC (Django Team Support)

- Stored and retrieved data from PostgreSQL databases.

- Developed UI and responsive webpages using Django and SCSS.

- **Technologies Used:** Django, PostgreSQL

Email Compliance Checker (Python LangChain LLM)

- Used LangChain OpenAI LLM to check whether the email body has any content that is against the uploaded document policy.

- **Technologies Used:** Python, LangChain

QuickAns (Python LangChain LLM and Django RestFramework)

- Created RESTful APIs for communication between the React front-end and the Django REST Framework back-end.

- Used Scrapy for scraping website.

- Used LangChain Olamma LLM for chatbot to read from directory (pdf,jpg,docx,csv) and response to the user for their question based on loaded files.

- **Technologies Used:** Python, LangChain,Django RestFramework

NightLife Media (Full Stack Developer)

- Created RESTful APIs for communication between the React front-end and the Django REST Framework back-end.

- Performed web scraping using Selenium and BeautifulSoup.

- Stored and retrieved data from PostgreSQL databases.

- Developed UI and responsive webpages using React and Bootstrap.

- Used Redux toolkit for state management and RTK query for fetching APIs.

- Integrated Facebook Ads Manager to create and manage ads.

- **Technologies Used:** React, Django REST Framework, PostgreSQL

Training

- Completed AWS with DevOps Training in BTREE SYSTEMS Chennai.

- Completed Next.js, React.js, Node.js, and Django REST Framework courses on Udemy.