



SENIOR DEVOPS & AI ENGINEER | PROJECT MANAGER

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Downtown, Dubai, UAE



PERSONAL PROFILE

Skilled IT Professional with 10+ year of experience as Full Stack Developer, Cloud Specialist(AWS, Azure & GCP), DevOps Engineer, AI Engineer, etc.

AREAS OF EXPERTISE

- DevOps, Jenkins, Terraform, Ansible
- Grafana, Prometheus, Loki
- Portainer
- AWS, GCP, Azure
- PHP, CodeIgniter, Laravel, WordPress
- Angular, ReactJS, Ionic Framework
- Apache, NginX, MySQL, Docker, Kubernetes
- Project Management – Agile
- Server Administration – Linux
- Traefik, Nginx Proxy Manager
- LM Studio, Ollama, and LLaMA

WORK EXPERIENCE

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Museum Of the Future | Dubai, UAE | Aug 2022 – Present

- Jenkins & Ansible server setup
- Windows, Linux and MacOS automation using ansible
- Deployment to docker, kubernetes & ec2
- CI/CD deployment using Jenkins, Ansible & Terraform
- Automated the IOS and Android app deployment to MDM, S3, Playstore, & App Store
- Unity applications CICD to windows machines – Jenkins & Ansible
- Build server setup for Unity, IOS & Android
- Jenkins library development
- Grafana server setup & monitoring
- Grafana plugins development
- CPU, GPU, Memory, Temp & Storage monitoring script in grafana
- Prometheus and loki configuration in grafana
- Hardware monitoring script for grafana
- Docker containers monitoring in portainer nad grafana
- AWS infrastructure automation using Terraform
- AWS site – site VPN setup
- AWS VPC, Security groups and peering connection setup
- AWS monitoring in grafana
- Laravel website CICD to EC2 instance – jenkins pipeline
- NodeJs application CICD to docker – jenkins & ansible script
- Strapi website CICD to docker – jenkins & Ansible script
- Java application CICD to docker – jenkins & ansible
- Manage Engine – app distribution – automated
- Traefik proxy server setup and configuration
- Nginx Proxy manager setup and configuration
- Synology server setup & plastic repo configuration
- Laravel, Strapi, Java & NodeJs project coding & management
- Muesum mobile app onboarding api development

AI and MLOps Expertise

- Developed and deployed machine learning models using tools and frameworks such as LM Studio, Ollama, and LLaMA, delivering sophisticated AI solutions to enhance automation and efficiency.
- Implemented AI-driven applications and processes, leveraging MLOps techniques to ensure seamless integration, model training, and deployment, thereby driving innovation and improving operational performance.

OTHER SKILLS

- Virtual Production
- Programmer
- Game Development
- Blender, Unreal Engine
- 3D movie making

DEVOPS ENGINEER | TECHNOLOGY MANAGER

Pentagon Computers | Abudhabi, UAE | Jan 2018 – Aug 2022

- Use agile methodology throughout the project.
- Involved in source control management with GitHub and GitLab repositories. Regular activities include configure user's access levels, monitor logs, identifying merge conflicts and managing master repository.
- Deploy and monitor scalable infrastructure on Amazon web services (AWS) using Terraform & configuration management using Ansible.
- Involved in performing application deployment to AWS Elastic Bean Stack environment.
- Configured & deployed PHP applications and WordPress websites on Amazon Web Services.
- Working knowledge of configuration management tool like Ansible.
- Create, manage, and delete users and groups as per the request using Amazon Identity and Access Management.
- Monitoring each service deployment, and validating the services across all environments.
- Environment: Git, Jenkins, Terraform, Ansible, Maven, nginx, Docker, AWS, VPC, Microsoft Azure, Shell scripting, Apache Tomcat, VM, REST and PHP.

APPLICATION DEVELOPMENT MANAGER

Pentagon Computers | Abudhabi, UAE | Jan 2016 – Jan 2018

- E-commerce website development using woocommerce wordpress plugin
- Payment Gateways Integration
- Webservice/API Integration
- Wordpress Theme & Plugin Development
- Website development using WordPress
- Application development using Angular.
- Application development in codeigniter, CakePHP and Laravel frameworks.
- Full administration of Company Human resource management system, Support ticket system and project management system and its deployment, enhancement and version updates.
- Database Designing/Modelling, business logic, and flow of the system of a software. Experience on PHP+MySQL, CakePHP, CodeIgniter, Wordpress & Angular.
- Design and implement solutions using products such as the Google Maps Platform.
- Plans, assigns and directs the activities of professional and technical personnel involved in the design, development required to create new applications or websites or install and implement applications or tools purchased from outside vendors/online market places.
- Reviews and analyzes existing applications and programs in development to ensure efficiency and effectiveness of those programs; reviews requests for program changes required to meet customer needs.
- Conducts meetings with senior level employees to determine workflow and requirements based on new project and its scope.
- Assigns and reviews the design layout for programs required for special projects.
- Provides technical information and advice to marketing employees to interact with clients technically.
- Reviews performance of applications and websites to ensure program efficiency, program documentation, and to ensure that output meets the customer requirements
- Managing all servers in the company including Linux and windows administration (WHM, Cpanel, Plesk)

EDUCATION

B-TECH (CSE) | Jun 2008 – jun 2012

Nehru College of Engineering & Research Centre, Pampady.

BOARD/UNIVERSITY : Calicut university,
PERCENTAGE : 61.71%

Plus Two (Science) | Jun 2006 –Jun 2008

G.V.H.S.S Cherpulassery

BOARD/UNIVERSITY : HSE Board,
PERCENTAGE : 72.83%

SSLC | Jun 2005 – jun 2006

G.V.H.S.S Cherpulassery

BOARD/UNIVERSITY : State Board,
PERCENTAGE : 78.15%

ACHIEVEMENTS

- Web Component Development using JAVA Technologies from NIIT certification.
- Class Leadership
- Member of Computer Science Engineering Association(CSEA)
- Got First prize in Multimedia presentation

- Experience on cloud computing with Google Cloud Platform(GCP)
- WHM/Cpanel installation, configuration and administration on GCP compute engine, Microsoft Azure Compute, AWS EC2 and Digital Ocean CentOS instances.
- Work hands-on with Google Cloud Platform products to demonstrate and prototype integrations.
- Content Delivery Network(CDN) like Google Cloud CDN, Cloudflare and Incapsula setup and configuration including DNS migration.
- Managing Operating Systems like Centos, CloudLinux, Windows, etc including linux command line(Putty)
- Server related activities like malwares scanning, Malware removal, DDos attack checking, etc
- Installing required extensions to support particular applications
- MySQL Administration
- Files and database backup and restore
- Domain pointing, DNS issues fixing and email delivery problems fixing, etc
- Email hosting setup and configurations (Google App, Office 365, Zimbra, Cpanel Webmail, etc)
- SMTP accounts setup and maintenance (Amazon SES, Elastic mail, SendGrid, MailGun, etc)
- SSL certificates installation and configurations(Positive SSL, Wild Card SSL)
- Website & Email backup with acronis, cpanel backups, backup to Amazone S3, etc

Sr. SOFTWARE ENGINEER

Muxware Technologies | Abudhabi, UAE | May 2015 – Jan 2016

Muxware is a subsidiary of Reaya Investment Group, specializing in Machine Artificial Intelligence Application and Smart Technology. Muxware is a firm of over 25 years of developing experiences in the Information Technology world, to end becoming one of the most professional IT Development House in Middle East, partnering with world leading firms, to introduce world class applications.

- Responsible to know software architecture, database design, business logic, and flow of the system of a software. I write the actual code that is used for the application, and the HTML needed to display it.
- Mainly deal with PHP+MySQL, CakePHP, CodeIgniter, Wordpress, Javascript Nodejs, Reactjs.
- E-commerce website development using woocommerce wordpress plugin.
- Payment Gateways Integration.

SOFTWARE TEAM LEAD

Mentor Performance Rating Pvt Ltd | Calicut, Kerala | Apr 2014 – Apr 2015

- Make a perfect idea about the project and lead a team of programmers and designers to get the required output.
- Act as a central player in a project team maintaining excellent communication with all members of the team from Client to Developers, to Designers and everyone in between.
- Allocate tasks keeping the motivation level high of all the team members.
- Monitor Growth and development of all team members conducting weekly and monthly progress tests.
- Ensure team is using best practices with standard and optimized source codes performing quality checks of team's output to ensure high standard of Quality.

CERTIFICATIONS

- Ethical Hacking – ZSecurity
- Google Ads – Udemy
- DevOps – Udemy
- Virtual Production – Udemy
- Digital Marketing – Udemy
- AWS Cloud – Udemy

SOFTWARE ENGINEER

IPIX Solutions | Calicut, Kerala | Dec 2012 – Apr 2014

Responsible to know software architecture, database design, business logic, and flow of the system of a software. I write the actual code that is used for the application, and the HTML needed to display it (PHP+MySQL, CakePHP, CodeIgniter, Wordpress, Javascript, Nodejs, Reactjs)

SOFTWARE TRAINER

NIIT | Palakkad, Kerala | May 2012 – Dec 2012

- Planning, preparing and researching lessons
- Developing and delivering programmes of learning activities
- Contact/teaching time with students on an individual or group basis
- Making use of new technology such as distance learning or video conferencing
- Preparing teaching/course materials

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Nisam Parayil