Robin Biju Thomas

Software Product Consultant

About Me

From ideation to implementation and deployment, I strive to cover all facets of the life cycle of a product. Passionate about creating impactful solutions. With a broad spectrum of Hands-On knowledge and a diverse skill set, I aim to bridge gaps in agile teams to allow for quick turn-around and rapid scaling. My experience in start-ups and atypical teams allows me to work effectively in global multicultural distributed teams.

Professional Experience

IoTIFY.io | Solution Architect and Product Owner
(2020 – Present)
Key Responsibilities:
- Full Business and Technical Ownership of Simuli.co (an IoT Learning solution from IoTIFY)
- Architecting solutions for various clients to leverage IoTIFY. Delivered recurring clients through Developer advocacy and Proof of concept efforts
- Managing AWS infrastructure for IoTIFY and Simuli for products that leverage ECS, EKS, etc.
- Optimized container memory utilization for running hyper-scale cloud applications.
- Worked on several features in the production of IoTIFY and Simuli
- Responsible for maintenance and troubleshooting of various business-critical deployments.
- Created rapid prototypes of several use cases that involved Full Stack development and deployment.

The Project Team, SRM IST | Team Lead
(2019 - 2021)
Key Achievements:
- Worked on various projects ranging from Kubernetes Clusters, SDN, Blockchain and secured government/institute funding for the same
- Mentored and led a team of 20+ students across various technical domains
- Developed and led the STEM program of SRM IST.

Core Skills

- Cloud Computing:
    - AWS: EKS, ECS, EC2, ELB, Fargate, Codebuild
    - GCP: GKE
    - Docker, K8s, Networking
- Development:
    - Backend: NodeJS, basic GoLang
    - Frontend: VueJS
    - Version control: Git (BitBucket, GitHub)
- CI/CD pipelines
    - AWS Codebuild
    - GCP Cloudbuild
- Others:
    - Linux and Bash Scripting
    - Virtualization Technologies
    - Designing Distributed systems
    - Atlassian Suite (Jira/Bitbucket/Confluence)

Education

- SRM IST, Chennai
  B.Tech, ECE
  Completed in 2021

Hobbies

- Home-Lab: I maintain a Home-server which runs a type-I hypervisor (Proxmox) on which I have deployed various tools I use on a regular basis. I also use this to tinker and experiment with new technologies I come across.

Contact

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