

Basilin Joe

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Summary

Full-Stack Cloud engineer with expertise in :

.Net Core / NodeJS | Angular | Postgres / Sql Server / MongoDB |

AWS / Azure | Docker + Kubernetes | Jeager / Fluentd |

C# / JavaScript / TypeScript / Python

Experience



Lead Software Engineer

Experion Technologies

Apr 2020 - Present (1 year 1 month +)

- Implemented microservice architecture, setup health checks, readiness probs, sync/async communication, logging, tracing, and matrices.
- Containerize services into images using docker with Linux base images.
- Configured API Gateways and Load Balancers.
- Deploy services into Docker-Swarm/ Kubernetes Clusters(AWS/Azure).
- Implemented job scheduler using Hangfire.
- Implemented custom attributes in .Net to inject services as dependencies.
- Configured auto-scaling of microservices in AKS and EKS
- Written helm charts



Senior Software Engineer

Experion Technologies

Apr 2018 - Mar 2020 (2 years)

- Conduct code review and enforced coding and API standards.
- Worked in a Scrum/Agile environment to plan and estimate work at different levels (story, sprint, release).
- Designed database models to represent complex business entities and relationships.
- Implemented build and deployment pipelines using Jenkins/ AWS Code build,deploy / Azure pipelines.
- Built real-time communication model using SignalR.
- Integrated Identity Providers and implement SSO.
- Implemented Firebase Push notification in mobile/web
- Integrated Map API's
- Implement authentication using JWT
- Implemented OpenId Connet.
- Reduced the initial loading time of a Single page application by 80% by implementing lazy loading, effective module splitting and using CDN.
- Reduced the response time of API's by 20% by using effective JSON parsing modules.
- Mentor juniors
- Improved performance of a legacy application by eliminating memory leaks.

- Secured API end points



Software Engineer

Experion Technologies

Apr 2016 - Mar 2018 (2 years)

- Convert domain requirements into software features.
- Built generic components, directives, services in Angular.
- Wrote RESTful API endpoints using .Net Core & Nodejs.
- Write Code and Unit Tests for both front-end and back-end.
- Undertake complete ownership of assigned tasks and manage own priorities and time allocation with minimal daily supervision.
- Did Performance optimization and fine-tuning, to reduce latency.
- Involved with the resolution of complex software development issues that may arise in a production environment.
- Analyzes problems, conducts root cause analysis, help in the resolution of problems using defined problem management procedure.
- Built a custom image editor with minimal functions using canvas
- Implement Role-based access to components in Angular



Full Stack Developer

Vyooaha Technologies Pvt Ltd.

Aug 2015 - Apr 2016 (9 months)

- Implement API endpoints using ExpressJS and SailsJs.
- Designed database models for MongoDB.
- Created SPA using AngularJs.
- Associated with UI/UX Teams and Business owners.

Education



Mahatma Gandhi University

Bachelor of Technology (B.Tech.), Computer Software Engineering

2011 - 2015



Amrita Vidyalayam

2009 - 2011



MongoDb University

MongoDB for Developers, MongoDB

2015 - 2015

Licenses & Certifications



Shaping up with Angular.js



Machine Learning - Coursera



Async Programming in C# - LinkedIn



Software Architecture Foundations - LinkedIn



Learning Amazon Web Services (AWS) for Developers (2018) - LinkedIn



AWS for Developers: Deploying Your Application to the Cloud - LinkedIn



Go Essential Training - LinkedIn



Software Architecture: Domain-Driven Design - LinkedIn



Software Architecture: Patterns for Developers - LinkedIn



AWS Certified Solutions Architect - Associate (SAA-C02): 1 Cloud Services Overview - LinkedIn

Skills

JavaScript • Node.js • Algorithms • Object-Oriented Programming (OOP) • Angular • API Development • Unit Testing • C# • Agile Methodologies • HTML5

Honors & Awards



Certificate of Recognition - Experion Technologies

Oct 2019

Performer award for quarter 3