

JITHILPRAKASH P J

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SUMMARY

I have 5 years of experience in various technology fields, including Web, Mobile applications and UI/UX design.

SKILLS

UI Frameworks & Libraries - Angular, React, Bootstrap, Express.js, Native-Base, Openlayer.js

Backend Development - Node js +Typeorm, Nodejs + GraphQL + NestJs, Flask

Mobile App Development - React Native

Message Broker - NATS-Streaming-server, Redis

Database - MySQL, PostgreSQL, ElasticSearch

Web services - AWS Services (Good), Azure (Beginner)

Other Third Party Integration - Filogix, Newton, Zoom, DocuSign, Lendesk, Stripe, Customer.io

WORK EXPERIENCE

MAR 2023 - PRESENT

Robosoft Technologies- *Senior Software Engineer*

1. **Kingdom** (Current Project) - Engaged in the development of an OTT platform, focusing on backend responsibilities such as constructing microservices, integrating Brightcove streaming, and managing infrastructure through AWS. Key involvement lies in the creation of a robust CMS tailored for the OTT environment.

Tech Stacks - React, Nodejs, AWS services (Lambda, DynamoDB, SQS, S3, API gateway, Cognito, EC2, Event bridge)

DEC 2020 - MAR 2023

KGISL Pvt Ltd, Coimbatore— *Tech Lead*

2. **8Twelve Mortgage** - This is a SAAS Enterprise mortgage CRM application which takes care of the entire mortgage life cycle from Lead Intake to Lender Submission.

Tech Stacks - Angular, Nodejs, SQL server, AWS services (Lambda, SES, SQS, S3, API gateway, Cognito)

3. **3D Modelling & Asset Management System** - Defect management and Analysis platform with AI & ODM integrated

Tech Stacks - Angular, Nodejs, MySQL, ODM (opensource), OpenLayerMap

4. **Streaming Revolution** - High-performance streaming service application supported in web & mobile. It provides sharing and storing of live video streams & Screensharing feature
Tech Stacks - Angular, Nodejs, MySQL, Wowza Streaming Engine
5. **Form Builder** - Customised Form builder application build on top of form.io used around internally for Surveys, Tracking Assets, Events.
Tech Stacks - React, Nodejs, Form.io, PostgreSQL
6. **Learning Management** - Application to streamline learning process for the candidates onboarding to the production floor. With features such as Knowledge base, Attending Quiz managed by the Team Leads & Managers.
Tech Stacks - React, Nodejs, PostgreSQL

AUG 2019 - DEC 2020

KGISL Pvt Ltd, Coimbatore— *Systems Engineer*

7. **Project** - 3D Volumetric Analysis, **Associate Britain Ports**

Tech stacks - Angular 9, Nodejs + Typeorm, Openlayer, Potree

Description - A Platform to determine Volumetric analysis and Measurement of a 3D Object of Sea Ports using Three.js

8. **Project** - Port Inspection, **Associate Britain Ports**

Tech stacks - Angular 9, Nodejs + Typeorm, Openlayer, Potree

Description - A Platform to Determine, Measure, Annotate, Mark defects on Seawalls, Buildings using the concept of Orthomosaic Image

And 3D visualization of the Seaports with Volumetric analysis and distance calculation

9. **Project** - Bridge & Pipeline Inspection, **Japan Infra Waymark**

Tech stacks - Angular 9, Nodejs + Typeorm, Openlayer

Description - A Platform to Determine, Measure, Annotate, and Mark issues on Bridges and Pipelines using the concept of Orthomosaic Imaging

10. **Project** - Hotel Inspection, **JW Marriott**

Tech stacks - Angular 9, Nodejs + Typeorm, Openlayer

Description - A Platform to Determine, Mark defects on Images with efficient data visualization on Map and Professional Report Generation and Customization

11. **Project** - Appointment scheduling, **KGISL,**

Tech stacks - Angular 9 + Material, Nodejs + Typeorm

Description - A platform that allows clients to book, and cancel appointments through a web/Mobile interface. This provides a common ground for all the Retailers/Store owners to organise their business.

12. **Project** - Helpdesk System, **KGISL**

Tech stacks - Angular 9 + PrimeNg, Nodejs + Typeorm

Description - Enterprise-level ticketing tool for supporting the medicare industry combined with an appointment scheduling system and call dialling.

FEB 2018 - AUG 2019

Infosys Pvt Ltd, Bangalore — *Systems Engineer*

Project - Lex

Description - An Enterprise level application implemented using open source 'Sunbird Project'. It is a Learning platform with offline features and supports various formats like web pages, quiz, pdf, video etc.

ADDITIONAL LEARNINGS

UDEMY COURSES

1. Build a Serverless App with AWS Lambda - Hands-On
2. The Complete Guide to Becoming a Software Architect
3. Software architecture case studies
4. The Complete Guide to Elastic Search

EDUCATION

- **MSc. Software Systems (Integrated Course) (2012 -2017)** - PSG College of Arts and Science
- **Higher Secondary School (2011 -2012)** Keartiman Higher Secondary School
- **SSLC (2009 -2010)** - S.E.S Matriculation School