

# U THIRUNAVUKARASAN,

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## OBJECTIVE

Seeking assignments as a **Senior Software Engineer/AWS Cloud Engineer** where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

## Professional Summary

- A result-oriented professional experience in **Software development with AWS (Amazon Web Services) Cloud Platform** and well-versed with technologies **JavaScript, TypeScript, Node JS, Python, React JS, Next JS, HTML5, Tailwind CSS, SASS, CSS3, Material UI, Antd, Prime React, Jquery, Webpack, Graph QL, REST API, DynamoDB, MySQL, Google Map API and Cloud Computing Services.**
- Well-experienced in leveraging **AWS (Amazon Web Services)** from development to deployment of applications. Services used (**S3, EC2, Lambda, Step Functions, DynamoDB, AWS SAM, AWS CloudFormation, CodePipeline, CodeArtifact, API Gateway, Amazon ECS, SQS, Cognito, Cloud Front, Cloud Watch, Route 53, Amplify, Appsync, Athena, Kinesis, AWS Glue, AWS Parameter store & Secrets Manager**).
- Experienced team leader with a strong track record of guiding and motivating teams to achieve success.
- A keen communicator with honed interpersonal, problem-solving, and negotiation abilities.

## Working Experience

**Aug 2020 – Till Date M/s. Profost Technologies. Sister Concern of M/s. Corvid Consulting UK Ltd.**

**Designation: Senior Software Engineer I**

**Product: WEAVEROO (AI SasS)**

### Full Stack:

- Developing web applications/software from scratch using **React JS** and application deployment.
- Developing new **React Components** based on business requirements.
- **Rest & Graph QL API** development.
- **Rest & Graph QL API** Integration.
- **Shopify & Amazon Market Place** app development.
- Monitoring APIs and resolving issues.
- Adding new features and extending features in **React** Application.
- Leveraging **AWS(Amazon Web Services)** for software development and deployment.
- Reviewing the Pull Request and approving for the production build.
- Reviewing the code and refactoring of code.
- Working experience in multiple **POC** and migrating into production-ready code.
- Preparing weekly **project planning** and **project updates**.
- Preparing technical documentation.

### AWS SKILLS:

- Writing **AWS SAM** template files to create and manage the setup of AWS Resources like **Lambda, Step Functions, S3, Cloud Front, Dynamo DB, API Gateway, SQS, SNS, and Kinesis Stream.**
- Writing template for **CodePipeline** to automate software build and deployment process.
- Creating **DynamoDB Schema** and **Single DB Schema Design** for new table requirements and **Maintenance of Database.**
- Writing microservices in **Lambda** using **Node JS** and **Python.**

- Writing monolithic applications using **Express, Node JS &** deployed in **ECS**.
- Writing **Graph QL API (Queries and Mutation)** using the **AWS Appsync**.
- Writing custom Resolver in **Node JS** for **App-sync GraphQL custom Query and mutation**.
- **Cloud Front** Distribution creation and Invalidating distribution.
- Using **AWS Cognito** for authentication, authorization, and user management for web applications.
- Using **AWS Amplify** for full-stack development.
- Creating new policies and using existing policies.
- Working in other AWS services, such as **EC2, Secret Manager, AWS Glue, Cloud Watch Monitoring, Athena, AWS AppConfig & IAM management**.

#### April 2020 – July 2020 Freelancing Support

- Developed real time web application and website with HTML, CSS, JavaScript (jQuery, Ajax, and JSON).
- Worked to improve user experience for web applications and sites.
- REST API Integration on web application Projects.

#### Achievements

- Led the development and launch of the **AI SaaS** product **WEAVEROO**.
- Designed and implemented multiple AWS serverless back-end infrastructures using Infrastructure as a Service (**IaaS**) with Continuous Integration and Continuous Deployment (**CICD**).
- Developed multiple **React-based applications** from scratch.
- Created multiple **React Component libraries** and published them to **NPM (Node Package Manager)**.
- Developed **Amazon Marketplace Application**.
- Developed **Shopify app & Published to Shopify app store**.
- Enhanced the user experience by optimizing the delivery of HTML pages to the user within “**ms**”.

#### Technical Skills

**Programming Skills** : JavaScript, TypeScript, Noje JS, Python  
**Front End Technologies** : React JS, Next JS, React Native, Material UI, Antd, HTML5, SASS, CSS, Tailwind CSS, JQuery, DOM  
**Back End Technologies** : SQL, NoSQL, Graph QL, REST API, Web Socket, Express, AWS Serverless,  
**Bundler** : Webpack and Rollup.  
**Cloud Platform** : AWS (Amazon Web Services)  
**Database** : DynamoDB, MySQL  
**Management** : Notion, JIRA, and Microsoft Office  
**Miscellaneous** : GIT (Versioning Management System) – GitHub and BitBucket  
**Others** : Chat GPT API, Adobe API, Google Map API, Amazon SP API

#### EDUCATION DETAILS

- B. Tech Mechanical Engineering in **Pondicherry Engineering College**, Pondicherry with **76%**.
- 12<sup>th</sup> **Computer Science** from Govt. Hr. Sec. School, T.R. Pattinam in 2014 with **89%**.
- 10<sup>th</sup> from Govt. Hr. Sec. School, T.R. Pattinam in 2012 with **86%**.

#### Personal Trait

- Problem-Solving
- Communication
- Leadership
- Quick Learning

## PERSONAL PROFILE

Date of Birth : 26-09-1996  
Gender : Male  
Language Known : Tamil and English (Read, Write and speak)  
Hobbies : Coding, Astronomy & Social Media

## DECLARATION

I hereby declare that the information provided above is true to the best of my Knowledge.

Place:

Date :

(THIRUNAVUKARASAN U)