Nithin P

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Experience

Oct 2023 – Present
Go Software Engineer, *IBM*, Cochin, Kerala, India.
Maintaining IBM Instana Golang Tracer SDK(https://github.com/instana/go-sensor).
- Development of new features and bug fixes.
- Instrumented Couchbase SDK(GOCB) for Instana.
- Automated version support for existing instrumentation libraries.
- Created CI pipelines in both GitHub Actions and Tekton.

Aug 2022 – Sep 2023
Senior Engineer, *Cambium Networks*, Cochin, Kerala, India.
Worked on creating the backend of a support portal using Golang & PostgreSQL.

June 2021 – Aug 2022
Software Engineer II, *NCR Corporation*, Hyderabad, Telangana, India.
Developed Next Generation SCO (Self Checkout) solutions for NCR.
- Developed a Golang-based microservice using MQTT for handling cash-related APIs in Self Checkout Machines.
- Created a RESTful API server for retrieving device errors of Self Checkout machines.

Aug 2015 – June 2021
Senior Engineer, *QBurst Technologies*, Thrissur, Kerala, India.
Worked on various backend projects for a famous Japanese e-commerce client using NodeJS and Golang.
- Led a team of four members to implement a messaging app using LINE API for a popular e-commerce client. Used Express as the REST API framework and MySQL as the database technology. The system includes provision for creating and sending various types of messages to Line users. Also created a small Angular JS application to support the admin side facilities for this messaging app.
- Worked on Order History Platform, which includes a Data Importer, REST API Server, and an Admin tool to manage purchase history. Both Importer and API server are written in NodeJS using Express as the server framework.
- Worked on Collection Platform, used for creating, reading, updating, and deleting wishlist data. Used Restify as the server framework and MySQL as the database.
- Experienced with deploying NodeJS applications on Amazon EC2 using deployment tools such as PM2 and Forever.
- Utilized various AWS technologies such as S3, RDS, Lambda, Elasticsearch, and DynamoDB.
- Worked with various npm packages such as Bluebird, Express, Jsonwebtoken, Lodash, Cron, Moment, and AWS SDK.
- Migrated a large-scale production database from DynamoDB to PostgreSQL.

On-site experience:
- Worked as a team lead/bridge engineer at the client location (Japan), coordinating both client and offshore team members.

About Me

I am a passionate programmer inspired by the endless possibilities of computer science. I believe that computer science can create a better future for humanity. I dream of a future where humans and computers coexist harmoniously, helping each other, and I strive to be a part of that future.

Education

2011–2015	**B.Tech in Information Technology**, *Government Engineering College, Sreekrishnapuram*, Calicut University, 7.25 CGPA.
2011	**Higher Secondary**, *Government Higher Secondary School, Cherpalchery*, Computer Science, 87.33%.
2009	**SSLC**, *Government High School, Koppam*, 86%.

Course Project

B.Tech	**Automatic Author Recognition Using Machine Learning Techniques:** Developed a system that integrates NLP and Machine Learning for stylometry. This system can detect plagiarism in literature and predict authorship of anonymous documents. It extracts author characteristics from various documents and applies advanced machine learning techniques to predict authorship.

Languages

English	Fluent
Malayalam	Fluent

Technical Skills

Programming	Golang, NodeJS, Python
CI/CD	Github Action, Tekton
Tools	Git, Vim, VSCode, Postman, JIRA, Podman, Docker
Database	MySQL, PostgreSQL, Redis, AWS Kinesis, DynamoDB
Other	AWS Lambda, Kinesis, Alexa, Jenkins, Agile methodologies (SCRUM)

Personal Details

Date of Birth	December 29th, 1993
Gender	Male
Nationality	Indian

Personal Interests

Coding | Writing | Rubik's Cube | Reading | Watching movies