

LAXMAN THOTA

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Experience :14 years

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I-140 Approved

About Me

As a result-oriented Technology Lead with a passion for web application development, I consistently go the extra mile to stay abreast of emerging technologies and harness them to drive impactful outcomes.

WORK EXPERIENCE:

August 6, 2012, to Till Date: Working as Technology Lead at Infosys Limited.

Achievements:

- Leveraged my technical expertise and project management skills to spearhead a Client Critical Application that evolved into a multimillion-dollar project, overseeing a team of 150 members.

Technologies: Angular, Single-Spa.

- Implemented a caching system to reduce the number of database queries required, resulting in a 10% improvement in API response time.

Technologies: Redis

- Implemented Text Summarization and Categorizing using Gen AI with Accuracy of 95% which reduced the manual effort in making decisions.

SKILLS

Languages: Java, Java Script, CSS, ColdFusion 11, HTML5, Angular12/14, Spring Boot, TypeScript.

JavaScript libraries: ReactJS, jQuery.

Tools: Eclipse, Visual Code, STS

API Technologies: REST, GraphQL

Database: Oracle19.4, MySQL, MongoDB

Project Management: Agile

Cloud Technologies: AWS (ECS, API Gateway, Lambda, Secret managers, IAM,SNS).

Generative AI : Prompt Engineering, Python, Streamlit , Gemini LLM, Hugging Face, RAG, Lang Chain, Llama index

EDUCATIONAL QUALIFICATION:

Master of Computer Applications from S.R Engineering College Affiliated to JNTU Hyderabad
Telangana.

PROJECTS SUMMARY:

Project: Appeals and Grievances Categorization and Summarization with Large Language Models

Summary: This project aimed to develop a system for automatically categorizing product descriptions using Google's Large Language Model (LLM) API:

Client	Leading Health Insurance Provider in USA
Duration	June 2023 – Jan 2024
Team Size	3
Environment	Google LLM API, Natural Language Processing (NLP), Python
Role	Technology Lead and Architech

Key Achievements:

- Trained a categorization model using Google LLM with 98% accuracy, significantly reducing manual labeling efforts.
- Designed a scalable and maintainable architecture.
- Implemented Best Practices in application development.

- **Additional Information:**

Presented the project at the company's AI Summit, leading to its adoption in production.

Peregrine

Objective: Transform, modernize and enhance company legacy participant experience, improve processes and operational efficiency and reducing total cost of ownership

Peregrine is Client retirement plan(401(k)) application, where users can check their balances, retirement readiness, loans, and withdrawals. I am involved in converting monolithic application into micro front end application using Single-Spa. I have also showcased Modular federation using angular 11.

Client	American registered investment advisor company
Duration	November 1 st , 2020 – Till date
Team Size	15
Environment	NodeJS16.x, ExpressJS, Angular9/11, Spring Boot, GraphQL, React
Role	Technology Lead

Roles, Responsibilities and Achievements

As a Tech Lead, the responsibilities include designing and developing key application components and anchor Integration of the distribution components. Converted Angular Monolithic application into Micro front end.

- Converted Angular Monolithic application into Micro front end.
- Involved in Planning and Analysis Phase of the application.
- Involved in Application development to deployment.
- Created Reusable components which reduce the application development time.
- Grooming the team members and performing code reviews.
- Project Planning, Preparing Tech Arch diagrams and System design diagrams.

Data Use Consent

Data Use Consent is PwC intranet application, where contracts/deals are accessed from Server through REST API. The Contract deals are converted to CSV through Power shell Script, Data present in the CSV are compared against PwC defined text in the contract's documents. We have Used SPLUNK as log monitoring tool to search for the errors and to generate reports.

Client	A Multinational professional services network in the USA
Duration	September 2019 to October 30 2020
Team Size	8
Environment	NodeJS10.14.2, ExpressJS, Angular, Spring Boot, PowerShell, Python, MSSQL
Role	Technology Lead

Achievements:

- Automated Validation process and reduced the application execution process using PowerShell which. Reduced manual effort by 2 hrs. (10 hours per week).
- Worked on python, wrote a python script to get contract end date from the contract document. This Helped client to generate revenue.

Source 2.0

The Purpose of Source 2.0 is to develop a global MDM solution that can integrate into the larger BOS application framework. MDM is the cornerstone of the BOS program. It will house an authoritative set of critical entity information around entities, relationships, and the role that entities play across our client network.

Client	A Multinational professional services network in the USA
Duration	Oct 15, 2018 to August 31 2019
Team Size	8
Environment	MongoDB, NodeJS 10.14.2, ExpressJS, Joi
Role	Technology Lead

Roles and Responsibilities:

- Involved in Application design, Development, Interacting with the clients and Application Testing.
- Performing code reviews.
- Followed Coding Standards in the application and performance improvement.
- Preparing in Technical design diagrams.
- Mentoring the Team.

Achievements:

- Reduced the Human Testing effort by 15% by setting environment variables in Postman.
- Identified Vulnerabilities in application packages and resolved because of which avoided major threats while client scanning the application.
- Implemented HTTP2 concept which has reduced the application loading time.