

Summary

- Experienced Senior Software Engineer with over 4 years of proficiency in MERN.
- Skilled in DSA and OOP concepts, ensuring the delivery of 100% clean, reusable, and optimized code with low latency.

Skills

Languages:	TypeScript, JavaScript.
Frontend Technologies:	React.js, React Native, Redux.
Backend Technologies:	Node.js, Express, AWS Serverless.
Databases:	PostgreSQL, MySQL, Dynamodb, MongoDB.
Others:	HTML, CSS, Material UI, EJS, ES6, GitLab, GitHub, Linux/Unix, YAML.

Experience

Techpearl Software Pvt. Ltd., Bangalore Jun 2021 - Present
Sr. Software Engineer

- Architected complex modules using React.js and AWS Serverless technologies.
- Facilitated customer communication, clarifying feature priorities, and maintaining high customer satisfaction.
- Handled code reviews, deployments, and customer escalations.

Projects:

- All Things People Feb 2024 - Present
Stacks: React.js, PostgreSQL, React Redux.
 - Engineered an app focused on management strategies to improve performance, establish benchmarks, derive key insights, track KPIs, and leverage analytics for informed decision-making.
 - Developed queries and UI for lead report generation based on response analysis.
 - Implemented interactive charts for report visualization.
- Swae Jun 2021 - Feb 2024
Stacks: React.js, React Native, Material UI, AWS Serverless(Amplify, Elastic search, Cognito, DynamoDB, API Gateway, Lambda, Triggers), Material UI, React Context API.
 - Led the development of an AI-based decision-making platform, enabling collective decision-making through proposals, posts, comments, and reactions.
 - Implemented significant features, including Slack and Stripe integrations, user mention, hashtag features, and admin dashboard UI enhancements.
 - Created a single-table design with Amazon DynamoDB and Serverless architecture for the backend.
 - Executed server migration for cost reduction.
- UNISON Feb 2023 - Apr 2023
Stacks: React Js, React Native, React Redux, MySQL.
 - UNISON is a music app that manages multiple bands, their directors, and their members.
 - Integrated Stripe Payment Gateway and developed navigation components.
 - Designed and deployed REST APIs for CRUD operations on Bands Group.

- AIDA

Dec 2022 - Feb 2024

Stacks: React.js, MongoDB, Node.js, Express, WebRTC, Socket.IO, Material UI.

- Conceptualized a web app to manage surveillance devices and their access permissions.
- Designed and developed end-to-end feature to showcase device information.
- Implemented role-based access control, encrypted WebRTC streaming, secure Socket.IO signaling

Academic Project

Jun 2019 – May 2020

- Lung Cancer: Image Detection and Classification

Stacks: Python, Anaconda, TensorFlow, Keras, Dicom.

- Conducted a comparative study on 2D and 3D CNN models proposed from 2010-2019, and analyzed variations in pre-processing methods, kernels, activation functions, number of layers, and loss functions.
- Pre-processed X-Ray images, achieved 93.59% accurate detection and classification of nodules into malignant and benign using a modified CNN.

Education

National Institute of Technology, Bhopal

M. Tech in Computer Science & Engineering (Spec. in Information Security)

Guru Gobind Singh Indraprastha University, Delhi

B. Tech in Computer Science & Engineering

Achievements

Published a paper on "Lung cancer identification: a review on detection and classification" in Cancer and Metastasis Reviews. Jun 2020

Published a paper on "Lung Cancer: Detection and Classification of Malignancies" in Artificial Intelligence and Sustainable Computing July 2021