SUNNY KACHHIA

Software Engineer Lead - Full stack (React, Java, JavaScript, GraphQL)

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EXPERIENCE

Associate Technical Lead



Webonise Lab - Offsite consultant at Daily Racing Form and Sungard Availability Services

- March 2018 Present
- Pune. Maharashtra
- Design and architect features across projects and oversee their execution.
- Effectively manage high performing **cross-functional** team of 15-18 members including front-end, back-end developers, Quality Analyst, remotely as well as offline.
- Develop and maintain software on **microservice** based architecture in **multiple frameworks**.
- Optimize web application to make it more scalable and user friendly with microfrontends of re-usable components and reducing the overall code footprint by 3x.
- Introduced **GraphQL** framework to replace legacy APIs with re-usable server queries and deliver **1.3x** faster.
- Implemented WebSocket functionality in React applications using RxJS library to enable real-time communication between the client and server, facilitating dynamic data updates.
- Evangelize test driven development in the team using Jest and JUnit.
 Thus, bringing the overall code coverage from 12% to 60%.
- Enhance customer reach by 30% by implementing best practices for SEO, recommended by Google Lighthouse.
- Lead the development of mobile web application in **React Native** using **Material UI** which helped in increasing customer base by **1.5x** and in turn generate **1.8x** more revenue year on year.
- Implemented Elastic Application Performance Monitoring (APM) to analyze and track application performance, including response times, transaction traces, and error rates.
- Optimise network calls to database server, in turn increasing the performance and reducing the API cost by 42%.
- Setup high availability PostgreSQL infrastructure and tuned its performance.
- Collaborate with client and internal project managers to **strategize** and create **technical roadmap** for each quarter.
- Setup deployment pipelines using **Jenkins** and **Bamboo**.
- Triage complex issues proactively, drive impact analysis, remediation and delegate development to respective team members.
- Conduct workshops for engineers to incorporate best coding practices and code reviews.
- Coach team members and perform **monthly check-ins** providing and gathering feedback to enhance the performance of the team.

Senior Product Engineer

AINDRA

Aindra

- **i** June 2015 Feb 2018
- Bengaluru, Karnataka
- Architect solutions for new product lines and suggest optimisations for legacy products and follow through with the implementation.
- Introduced JIRA to track and monitor projects while adhering to Agile methodologies.

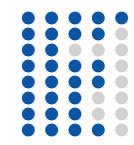
SUMMARY

Experienced Full Stack Engineer with over 8 years in the industry, showcasing proficiency in Web and Java development. Demonstrated success in delivering more than 5 projects. At Aindra, honed expertise in Al applications, encompassing face, text, object detection, and cervical cancer cell detection.

Upon joining **Webonise Lab**, identified a passion for front-end technology, transitioning into a specialized Full Stack role focused on **React**. Currently in a leadership position, actively engaged in staffing and providing training to new recruits in React, Git, and the Spring framework.

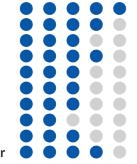
TECHNICAL SKILLS

React
JavaScript
TypeScript
Java
Microfrontend
MySQL
PostgreSQL
Linux



TOOLS

Github/Bitbucket
VSCode/IntelliJ
Storybook
JIRA/Confluence
Swagger
Elastic
DBeaver
AWS
Jenkins
NPM package manager



STRENGTHS

Problem Solving Agile Development

People Management

Client Communication

Stakeholder Management

Team Player

Leadership

Focus Driven

Persuasive

Motivator

- Manage, mentor and encourage the engineering team to deliver optimised and robust solutions on time.
- Product: Automated detection of cancer cells through staining and imaging
 - Designed and setup product architecture including servers, database models and API design using technologies such as Spring MVC, MySQL, Maven, JBoss, Log4j logging framework.
 - Supervised the development of UI in HTML, JavaScript, JQuery, Node.js, AJAX, CSS, Bootstrap to analyze and mark cancerous cells on images captured from glass slides containing cervical samples to make it intuitive.
 - Developed embedded system to automate the functions of a stepper motor in Auto Stainer and its touch-based user interface using Kivy framework in Python.
 - Built an Android application for the prototype of IoT based Auto Stainer which was and controlled using Bluetooth Low Energy.
 - Implemented a subscription model and continuous tracking of the on field deployed devices using WiFi & Geo Location.
- 2. Product: Object recognition and Character recognition system
 - System design and API development in Java using REST framework.
 - Designed future proof database schema to accommodate object type and categories of detected as well as undetected objects in MySQL.
 - Developed SaaS based web-interface for users to identify and validate the detected objects on the desired location.
 - Assisted in **onboarding** and **integration** of Industrial Insurance providers for Fire extinguisher detection and No Smoking sign board detection.

AiNDRA

Product Engineering Intern

Aindra

Hall June 2014 - May 2015

Bengaluru, Karnataka

- **Project: Smart Attendance** Automated attendance system with face recognition and tracking.
- Drove design and development of an end-to-end cloud based system for attendance, automated through computer vision.
- Built a scalable solution that is deployed across various geographies in India.

EDUCATION

M.Tech. in Computer Science & Engineering

Nirma University, Ahmedabad

June 2013 - June 2015

B.E. in Computer Engineering Gujarat Technological University, Ahmedabad

i June 2009 - June 2013

ACHIEVEMENTS

- Received 8+ stars out of 10 in employee performance assessment rating for 3 consecutive years from 2019 to 2021 at Webonise Lab
- Awarded best performer of the year 2016 at Aindra

INTERESTS

- Cricket enthusiast
- Hodophile
- Solving puzzles and riddles, especially Sudoku and Kakuro
- Music and movies