SUNNY KACHHIA

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

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🔻 Vadodara, Gujarat, India

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
- Develop and maintain software on **microservice** based architecture in **multiple frameworks**.
- Effectively manage high performing cross-functional team of 15-18 members including front-end, back-end developers, Quality Analyst, remotely as well as offline.
- 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.
- Evangelize **test driven development** in the team. Thus, bringing the overall code coverage from **12%** to **60%**.
- Enhance customer reach by 30% implementing best practices for SEO recommended by Google Lighthouse.
- Lead the development of mobile web application which helped in increasing customer base by 1.5x and in turn generate 1.8x more revenue year on year.
- Optimise network calls to database server, in turn increasing the **performance** and **reducing the API cost** by **42**%.
- Setup high availability PostgreSQLinfrastructure 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

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.
- Manage, mentor and encourage the engineering team to deliver optimised and robust solutions on time.

SUMMARY

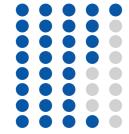
A Full stack engineer with an overall experience of **7+ years** including **5 years** as **Java Software Engineer** and 4 years as **Web Engineer** with proven track record of successfully delivering more than 5 projects.

A curious soul always intrigued by tech, my interest was piqued while working at Aindra where I was responsible for building projects from the ground up, leveraging in house AI platforms for face, text, object detection and cervical cancer cell detection.

After moving to **Webonise Lab**, I realised my flair towards front-end technology, and committed as a Full stack engineer (**React** and **Java**) and now excited to take up a **leader-ship** role. I have already started participating in the **staffing** activities and trained more than 20 new recruits on **React**, **GraphQL** and **Spring** framework.

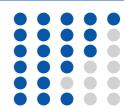
TECHNICAL SKILLS

React
Java
JavaScript
Microservices
MySQL
GraphQL
PostgreSQL
Linux



TOOLS

Github/Bitbucket VSCode/IntelliJ JIRA/Confluence DBeaver AWS Jenkins



STRENGTHS

Problem Solving

Agile Development

Client Communication

Team Player

People Management

Stakeholder Management

Leadership

Focus Driven

Persuasive

Motivator

- 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.

AINNRA

Product Engineering Intern

Aindra

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