

SUNNY KACHHIA

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

+91-9974291750
@sunnykachhia

sunny.kachhia@gmail.com
sunnykachhia

Vadodara, Gujarat, India
skachhia

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

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 **AI 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	●	●	●	●	●
DBBeaver	●	●	●	●	●
AWS	●	●	●	●	●
Jenkins	●	●	●	●	●
NPM package manager	●	●	●	●	●

STRENGTHS

Problem Solving	Agile Development
Client Communication	Team Player
People Management	Stakeholder Management

Leadership	Focus Driven
Persuasive	Motivator

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

1. **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.

Product Engineering Intern

AiNDRA

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

📅 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