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.
- 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 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

📅 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.
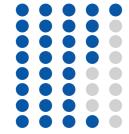
SUMMARY

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 **leadership** role. I have already started participating in the **staffing** activities and trained more than 20 new recruits on **React, GraphQL and Spring framework**.

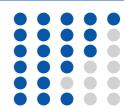## TECHNICAL SKILLS

- 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

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

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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