

# UKKALA SAI BALAJI

## Software Engineer

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Full Stack developer with proficiency in building robust web applications using MEAN/MERN stack technologies along with Java spring-boot framework and Python with extensive knowledge in both RDBMS and NoSQL

## PROFILE SUMMARY

- 7 months of IT Experience in web application development, testing, and deployment.
- Actively participated in design meetings, review meetings, and stakeholder demos, contributing to the collaborative decision-making process
- Hands-on experience in gathering requirements and conducting detailed-level design for projects
- Experience in developing high-performance web applications using ReactJS, AngularJS, JavaScript
- Possess expertise in backend development using Spring Boot, NodeJS, and ExpressJS
- My expertise extends to working on tasks related to frontend, backend, and database changes
- Provided support to the testing team whenever they required assistance during end-to-end testing
- Excellent technical, communication, and client-interaction skills
- Strong analytical and problem-solving skills
- Has experience in developing J2EE web applications
- Extensive Object-Oriented Development (OOP/OOD) experience
- Worked on SQL databases like MySQL, Oracle
- Hands-on experience in NoSQL databases like Mongo DB
- Knowledge of Microservices
- Good interpersonal skills and team player as well as independently handling the tasks
- Experience with version control tools like Git
- Basic knowledge on AWS
- Experience in testing APIs through Postman
- Having knowledge on usage of agile methodology for development projects
- Hands-on experience in JIRA and Confluence for projects
- Knowledge on the usage of CI/CD pipelines using Jenkins
- Having quick learning ability, able to learn new technologies in a shorter time

## PROJECTS

### Publisher Reporting - Integral Ad Science

📅 June 2022 – December 2022

- **Project Description:** To report the ads measurement/verification metrics to the client in the form of charts or Excel/CSV reports
- Played the role of full stack developer
- Primary responsibilities include analysis of the requirements from product manager, design, coding, testing, and owning the functionality all the way to production, production support
- Coordinating/Working with different teams to make sure the assigned functionality is delivered to Production without any hiccups
- With a keen eye for detail, I actively engage in code reviews and participate in end-to-end testing to ensure the seamless implementation of new features

## TECHNICAL SKILLS

- Programming Languages – JavaScript, Python, Java
- React (Router, Hooks, Redux), Axios, JavaScript (ES6), Webpack
- Frameworks – Angular JS, Node JS, Express JS
- Micro Services, REST API, Spring Boot, JPA, Docker
- HTML, CSS, Bootstrap
- Databases – MySQL, Oracle SQL, MongoDB
- Application Servers - Tomcat 8
- IDEs –Intelli-J IDEA, Visual Studio Code
- Control systems and documentation – Git, JIRA, Confluence

## EDUCATION

- M.Tech Dual Degree, IIT Kharagpur

## WORK EXPERIENCE

- Worked as Software Engineer in Integral Ad Science from June 2022 to Dec 2022

## ACHIEVEMENTS

- Winner of the IAS Codefest conducted by Integral Ad Science in November 2022, where developers from all branches of the company showcased their talent
- National Cadet Corps 'B' Certificate Exam | 1 Bengal EME COY NCC

- Suitability Profile Manager: Developed and integrated an enrollment feature into an existing product that was available to internal stakeholders. Used AngularJS for front-end development to create UI screens, and worked with MySQL databases to set up and maintain new tables to store enrolled users' profile details
  - Created APIs to get and update the data for the new features introduced and wrote Integration and Unit tests
  - Implemented feature flags for the newly introduced features based on users and teams
  - **Technologies:** AngularJS, Spring Boot, MySQL, Snowflake, JavaScript, HTML, CSS
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## E-Commerce Web Application

📅 April 2021 – May 2021

- **Project Description:** Developed Nxt Trendz application which is a clone for E-Commerce applications like Amazon, and Flipkart where users can log in and can see a list of products with search, filter, and sort by functionalities
- Implemented Different pages and routes for Login, Products, and Product details using React Router components Route, Switch, Link, props, state, lists, event handlers, and form inputs
- Authenticating and authorizing users by taking username, and password and doing login POST HTTP API Call and implementing filters by sending them as query parameters to product API calls
- Persisted user login state by keeping JWT token in local storage, Sending it in headers of further API calls to authorize the user
- **Technologies:** React JS, JavaScript, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

## POSITION OF RESPONSIBILITY

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- Coordinator Hockey for Lala Lajpat Rai Hall Of Residence 2019-2020
- Undersecretary Hockey for Lala Lajpat Rai Hall Of Residence 2018-2019

## EXTRA CURRICULAR ACTIVITIES

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- Participated in General Championship Hockey for Lala Lajpat Rai Hall of Residence 2018-19 and 2019-20
- Participated in General Championship Hockey for Lal Bahadur Sastry Hall of Residence 2017-18
- Completed the two years of National Cadet Corps (NCC) training under 1 Bengal EME COY NCC IIT Kharagpur and qualified for the NCC 'B' Certificate examination