

# Bhavesh Bhanukar

SOFTWARE ENGINEER

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## Education

### Indian Institute of Technology Kharagpur

BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING

2015-2019

### Javahar Navodaya Vidyalaya, Bangalore(Urban)

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION

2015

## Skills

**Languages** C++, Java, JavaScript, TypeScript, C, Go, Sql, Solidity

**Softwares** Node JS, React JS, Rest APIs, Docker, Express Js, Nest Js, WebSocket, MicroServices, Kafka, Git, AWS, Blockchain, CI/CD, GraphQL, Node-RED, GitHub, Copilot, OpenAI, LLD, HLD

**Databases** MySql, MongoDB, Elasticsearch, Redis, DynamoDB

**Courses** Algorithms & Data-Structures, Object Oriented Programming, Probability & Statistics, Solidity

**Soft Skills** Leadership, Impressive Communication, Creativity, Team Management, Excellent Analytical Skills

## Experience

### 3C Logic

Noida

TECHNICAL LEAD

January 2025 - PRESENT

- **Node-RED** :- Created a node js based compiler to deploy telephony call flows on Node-RED. Implemented subflows to handle repetitive and complicated flows for time and memory optimization
- **Technical Leadership** :- Handling Responsibilities of Software Design, Code Quality, and Scalability, leading team members to successful delivery of Software in Agile environment.

### Lysto - A platform for building Gaming Profiles

Bangalore

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May 2022 - Dec 2024

- **Lytso Tournaments** :- Designed and implemented a comprehensive tournament management system using Microservice Architecture using Kafka and Zookeeper, empowering gamers to create and participate in tournaments. This feature enables gamers to register as teams or individuals, earn reward points, and track their achievements, resulting in the creation of a comprehensive gaming profile.
- **Notification Via WebSocket** :- Created customisable notification feature using Socket.IO for users. Notifications can be triggered by various events with custom messages.
- **Reward Point Redemption** :- Developed a functionality that allows gamers to redeem their earned points through a wide range of coupons, such as Google Play vouchers, Steam coupons, and more. This system supports multiple currencies, allowing gamers to choose their preferred currency for redemption.
- **Onboarding Gaming Partners** :- Implemented a seamless onboarding process for third-party gaming partners, such as Axie Infinity, to facilitate event organization, tournament management, and reward issuance in the form of NFTs. This functionality enables smooth collaboration with external gaming platforms, *beta-testing of new games*, fostering engagement and enhancing experience for gamers.
- **Onboarding Gaming Communities** :- Created a facility for onboarding gaming communities, enabling role-based management of community pages. The Owner of community assigns various roles (e.g. super admin, manager, member etc.) to the users. This feature allows communities to publish news, events and details and results of various rounds of tournaments.
- **Weekly Leaderboards** :- Created weekly leaderboard based on cumulative sum of points won by games during tournaments for various activities like kills, assists etc. The aggregation of points starts on the first day of the week and ends on the last day of the week. The leaderboard of the Last Week and Current status of the leaderboard is also provided
- **Global Search Bar** :- Developed a robust global search feature from scratch, implementing technologies such as Elasticsearch and Node.js. Implemented comprehensive indexing of relevant information and established dynamic updates to ensure quick and user-friendly search functionality for gamers.
- **Integration with Steam** :- Integrated the Lysto Platform with Steam, retrieving historical gaming data for individual gamers and consolidating this data in a single platform. Providing a seamless experience for gamers by presenting a comprehensive overview of their gaming activity and achievements, allowing them to access and showcase their gaming information conveniently within the Lysto Platform.
- **Integration with 3rd Party Softwares** :- Seamless integration between the Lysto platform and 3rd party applications, Tally and Freshdesk, utilizing Webhooks for a range of features such as form fill-ups, feedback submissions, and FAQs.
- **Test-Driven Development** :- Test-Driven Development using Jest, writing unit tests for functions in the backend ensuring reliability.

## Consulero Inc.

Delhi

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July 2020 - April 2022

- **Li-Cycle IMS** :- Inventory Management System for Lithium Ion Batteries recycling process , written in React JS and express framework in Node JS environment . Provides traceability of the inventory from order-creation and warehouse movements to end products . Sends alerts at every stage of the movement of inventory via emails . Application provides analysed reports both in the UI and in excel sheets at every stage of the inventory management chain for various purposes .
- **Li-Cycle CRM** :- Customer Relationship Management system integrated with Li-Cycle IMS , written in React JS and express framework in Node JS environment . Provides analysed statistics of the clients of Li-Cycle in various graphical forms in UI and also in excel sheet . These features help the Li-Cycle's business management team understand their customers' requirements and cyclical nature of their business to run their operations smoothly with efficiency .
- **Managing the Li-Cycle web application** :- Directly collaborated with the client's business development team to develop customized features according to their requirements, and helped in scaling up their business seamlessly . Focused on making the software modular and more user-centric with each iterative update of the application after client's feedback .

## ARC Document Solutions India Pvt. Ltd.

Salt Lake, Kolkata

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July 2019 - June 2020

- **Skysite** :- Customized and integrated PSPDFKit framework with Skysite web app to edit and render PDF documents efficiently at user demand. Shared data with PSPDFKit server using JSON Web Token (JWT) to ensure safety of user-data .
- **Compliance** :- Web app written in JavaScript, on express framework in Node JS environment to register the equipment on a map of a large building . Keeps track of all the equipment in a building and its maintenance services, helps in quickly locating the possible malfunctioning site . Sends timely maintenance alerts to the admin, with maintenance history of the registered equipment .

## Projects and Internships

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### Bachelor Thesis Project

VGSOM, IIT Kharagpur

EFFECTS OF FPI ON DIFFERENT SECTORS

2018-2019

- Created a Sentiment Index based on the Foreign Institutional Investment to find its correlation with the trade volume.
- Checked the credibility of the proposed Sentiment Index on a virtual portfolio to predict price movement within a month in future

### MoneyRoller

Mumbai

EQUITY RESEARCH INTERN

2017

- Studied the correlation between variations in Nifty 50 and stock prices of Consumer Durable Companies registered in NSE
- Researched the intrinsic risks and various factors to be considered while buying an IPO share in the stock market

### Indian Oil Corporation Limited

Paradip

MAXIMIZATION OF ENERGY RECOVERY

2018

- Analysed the heat recovery and utilisation in the distillation column heat-exchangers using Computer Aided Process Engineering
- Suggested economically feasible modification for optimum heat utilisation by analysing the available data in the refinery

## Achievements

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### Competitions and Scholarships

- Cleared JEE Advanced(2015) , JEE Mains(2015) , Kishor Vaigyanik Protsahan Yojna Fellowship(2014) , CGPA 10 in AISSE ( 2015 )
- Member of the Gold Winning Team in the inter hall general championship event ChemQuest (2016) at IIT Kharagpur