

Suraj Singh

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PROFESSIONAL EXPERIENCE

Xoxoday, SDE-II 🌐

Aug 2022 – present | Bangalore, India

- Built an internal tool single-handedly from scratch that helped internal teams to keep track of **1M+ orders**, **5000+ clients** and **10,000+ products** & resolve customer queries faster by more than **90%**.
- Integrated multiple gift vouchers and merchandise vendors with their existing microservices that helped them generate **total revenue** of more than **25,000+ dollars**.
- As per the client requests, made improvements in client-facing Plum Pro APIs that resulted in **~3%** of **total revenue**. Also wrote unit and integration tests with a total test coverage of **~80%**.
- **Tech**: TypeScript, Node, Express, PHP, MySQL, MongoDB, Redis, Jest, Git, Github, Jenkins.

PegasusOne, Senior Software Engineer 🌐

Mar 2022 – Jul 2022 | Mumbai, India

- Worked as a backend developer to develop and test **fast**, **robust** and **scalable** backend applications and RESTful API using **Node**, **Express** and **MySQL**.
- Analyzed the existing codebase and followed the modern **Object-Oriented methodology** and **MVC architectural pattern** to implement the required features and **architect** the production codebase.
- Shifted the whole backend service from **PHP** to modern **Node.js**. Wrote **reusable custom controllers** and wrote **clean, optimized** and **modular code**.
- **Tech** : Node, Express, MySQL, Git, Bitbucket, Bash, Linux.

Godrej Infotech, Software Engineer 🌐

Jul 2019 – Nov 2020 | Mumbai, India

- Worked closely with project consultants, clients and senior engineers in an **agile** environment to understand the requirements and implemented the features accordingly using the **Research & Development** strategy.
- Designed and developed the user interface of the application using **HTML**, **CSS**, **JavaScript** and **Java Server Pages**. Shifted the whole **Vanilla JavaScript** ecosystem to **Modern JavaScript** using **ES6+** features.
- Took the ownership to render the sales and business records by writing **SQL Queries**, **Views** and **Stored Procedures**. Optimized **SQL** Query performance by using **indexes**.
- **Tech** : Java, JavaScript, SQL.

PROJECTS

Tourbook, A social media web application built using MERN Stack. 🌐

- Developed responsive **user interface** using **React & Material-UI** and state management using **Redux**.
- **Fast**, **robust** and **feature-rich** backend application with **CRUD** operations using **Node**, **Express** and **MongoDB**.
- Modern **authentication** using **JSON Web Tokens (JWT)** and authentication login using **Google OAuth**.
- Implementation of advanced social media website features such as **real-time like** and **image uploads**.
- **Tech** : JavaScript, React, Redux, Node, Express, MongoDB.

SKILLS

Programming Languages: Java, JavaScript, TypeScript, PHP.

Frontend: HTML, CSS, Bootstrap, React.

Backend: Node, Express, Firebase.

Databases: MySQL, MongoDB, Redis.

Others: Git, Github, Bash, PM2, Jest, Jenkins.

EDUCATION

University of Mumbai 🌐

Jul 2015 – May 2019 | Mumbai, India

- BE (Bachelor of Engineering) in Information Technology, May 2019.
- Graduate Coursework: Object-Oriented Programming, Data Structures and Algorithms, Databases, Distributed Systems, Web Development etc.