

Jobanpreet Singh

CONTACT

D503, Veracious Lansdale,
Whitefield
Bengaluru, Karnataka 560066
India

E-mail: singh.jobanpreet1992@gmail.com
Website: <https://www.npmjs.com/~iamjoban>
Phone: 9176176607

PROFESSIONAL SUMMARY

I am a frontend developer with 9+ experience in UI development and helping companies create and maintain a better code base for reusability. Capable of continuous learning from senior developers while still nurturing junior developers. Experience in driving projects forward as the development team leader, facilitating projects from concept to launch. Passionate about learning and development with a desire to apply skills on a larger development team. Eager to tackle more complex problems and continue to find ways to maximise user efficiency.

SKILLS

Languages: HTML, CSS, JavaScript.
Libraries: React, Redux
Frameworks: Node
Code Bundling: Webpack
Testing: Jest, Enzyme
Application logs: Appdynamic, Newrelic
Containerisation: Docker
Messaging System: Kafka, Zookeeper
A/B testing: Optimizely
Project Management tools: JIRA
Source Control Systems: Git

WORK EXPERIENCE

Publicis Sapient Aug 2018 — Present
Senior System Engineer

Tesco

Working on Online Grocery Application for Tesco as a UI developer. This is a multilingual application which supports 7 countries with different features and having responsive layout for all the screen sizes. It supports JS as well as non-JS mode and all this with only one code base. <https://www.tesco.com/groceries>

Contributions:

- Provided solution for handling react rendering error on server
Open source contribution: <https://www.npmjs.com/package/react-error-boundary-with-ssr-support>.
- Reduced overall engineering cost of implementing and deploying A/B tests.
- Provided a solution to measure performance of product tile buybox
- UI development using **React, Redux**.
- SSR support using **Node js**
- Being part of discovery meeting and talking to real customer
- Features development including unit testing
- Code Review, deployment & support

Xoriant solutions pvt ltd
Software Engineer
Arbitrage Desktop Support

July 2017 — August 2018

SMS to get the best possible routes from different wireless carriers (operators) with

desired margins and profits for sms aggregation with help of data mining. The ADS has engines like classification engine which classifies customers and routes, flow-casting engine which prepares flow for sales offers, pricing engine forecasts price, Routing Engine monitor's default routes and negative routes and suggests alternate routes with shortest path algorithm and forecasting engine. All these engines are designed as different. Micro services and collaborations with each other. Any variation in factors affecting these routes like cost, quality etc.

Contributions -

- UI development using **React** .
- Implemented **SPA** using **React Router**.
- Application data flow using **Redux**.
- Implemented user notification using **Kafka**.
- Production code bundling using **Webpack** .
- Implemented **Node** server to host UI and handle HTTP request coming from UI.
- Frontend optimisation via customised lazy Loading of user notifications.

Xoriant solutions pvt ltd

November 2016 — June 2017

Software Engineer

SMART (Statistical Model Analysis and Review Tool)

This application is used by SMEs for Financial Analysis reports – BASEL and CCAR. It helps in managing the entire lifecycle for BASEL and CCAR report starting from import of files, visualization of data and export into Word format.

Contributions -

- Frontend development using **React**
- Frontend optimization via customized **Lazy Loading**
- Rendering **NVD3** Graphs
- Production code bundling using **Webpack**.

Tata Consultancy Services

January 2016 — October 2016

System Engineer

Teacher Support Mobile App

This application is being used by most of the schools in Tamil Nadu (India). This application helps Teachers in taking attendance of the class, conducting Tests, scheduling sessions, creating curriculum etc.

Contributions -

- Frontend development using Angular
- Cache management to make app more efficient
- Database interaction
- Offline mode (it can work without internet, data will be saved locally and then get synced to database)

Tata Consultancy Services

January 2015 — December 2015

System Engineer

Game Arena

Game Arena is a platform which helps people of different ages and from different backgrounds to improve their abilities such as memorising power, visual attention, numerical skills etc. It have single and multiplayer online games.

Contributions -

- UI development/ Responsive design
- User authentication, form validations
- User communication using Sockets
- Data transfer between client and server
- Analytics

Tata Consultancy Services

July 2013 — December 2014

System Engineer

Immersive Learning

This app helps children learn even as they interact and play with objects in the physical world. It combines physical play and virtual feedback on low-cost mobiles in powerful ways and promotes participative learning through game-play, with minimal adult supervision (or no adult supervision). A mobile device placed nearby, gently nudges the child to play-on while it discreetly measures the child’s learning progress, giving subtle, real-time feedback along the way.

Contributions -

- Interaction between physical and virtual world.
- Synchronization between local machine and cloud.
- Usages of Image processing.
- Created a bridge between Unity and Android, so that Unity app can access all functionality that android provides.

EDUCATION

Bachelor of Computer Applications

2009 — 2012

Punjabi University Patiala

INTERESTS

Listening to Music, Playing cricket

PERSONAL & DETAILS

Date of birth - 25-05-1992

Languages Known - English, Punjabi, Hindi