Sukhdeep Singh

Experienced Fullstack Engineer with 9+ years of success in software development, specializing in Fintech industry.

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EXPERIENCE

Booking.com, Amsterdam — *Sr. Software Engineer I*

NOVEMBER 2019 - PRESENT

Working as a senior software engineer with Booking.com. I have been the owner of a few key products in the Fintech unit of the organization.

My prime responsibility is to develop payment related products for millions of Booking.com users. The products are designed in a scalable way, keeping in mind the need for real time availability of critical components.

MySmartPrice, Hyderabad — *Sr. Developer*

NOVEMBER 2015 - OCTOBER 2019

Worked as a senior developer with the key focus on Web 2.0 technologies.

Prime responsibilities include designing and developing highly scalable Progressive Web Apps (PWAs) for the organization. Furthermore, other responsibilities include understanding user behavior during the sale period and to optimize the same to maximize the transactions.

MAQ Software, Hyderabad — *Core Developer*

JANUARY 2015 - NOVEMBER 2015

Worked as a full stack developer. Handled different work streams varying from designing interactive dashboards to writing API service methods to interact with databases.

Tata Consultancy Services (TCS), Bangalore — *Associate System Engineer*

JANUARY 2014 - DECEMBER 2014

Got trained in Oracle Applications with a key focus on Oracle Middleware technologies and E-Business Suite. Worked as a SOA Developer in a telecom project in Tata Consultancy Services.

SKILLS

JS Frameworks: React, Vue.js, Angular (JS + Typescript)

HTML & Styling: Responsive HTML5 compliant web apps styled with SASS, LESS or standard CSS

BE Languages: Python, Nodejs, Go, PHP

Databases: MySQL, MS SQL, Postgres, MongoDB, Firestore

Infra: CI/CD Pipelines, AWS Services, Docker

AWARDS

Brainbench Certification in **Web Development Concepts** with a score on 4.26 which is still highest in India

Microsoft 70-461 certified in MS SQL Server

LANGUAGES

English, Hindi & Punjabi

REFERENCES

Available on request

EDUCATION

SLIET, Longowal, India — *BE in Computer Science*

AUGUST 2010 - JUNE 2013

Thapar Polytechnic College, Patiala, India — *Diploma in Computer Science*

AUGUST 2007 - JUNE 2010

KEY PROJECTS

Bamboozle — *NextJ.js (Typescript), Flutter, Firebase Realtime DB*

https://bamboozle.fun/

Developed a multiplayer quiz game for collaborative play with friends. The game creator selects categories, allowing players to craft believable but deceptive answers to perplex opponents. This popular niche game underwent multiple iterations, all of which I designed and developed single-handedly.

The project began with conceptual sketches and progressed to refined designs using Figma. Initially, the backend relied on Fastify, MongoDB, and Redis for caching. However, managing these interdependencies became unwieldy, leading to the migration of most backend functions to Firebase Realtime Database, greatly boosting development efficiency.

BonusApp PWA — *React (Typescript), Node.js, MySQL*

Built a Progressive Web Application (PWA) to harness the performance improvements over traditional websites. It was a customer facing ecommerce application backed by the parent company MySmartPrice. Key goal of the project was to increase the user retention by the following:

- Increase website performance (first view and repeat view)
- Reduce codebase footprint by using isomorphic JS code (Server side rendering)
- Customize app screen based upon user behavior
- Use service worker to cache and pre-cache resources

Key Responsibilities:

- Analyze & design the architectural layout of the application
- Develop and maintain the codebase for the same
- Setup CI/CD for on the go testing and deployment using Github actions

Business Card Designer — *Vanilla JS, Python, MySQL*

Client: InMobi

Developed a website which enables the employees of the client to customize their business card on the website and place order for the same. A corresponding PDF file is created which is mailed to their printing partners.

Furthermore, a tracking portal was developed where all of the orders could be tracked and updated.