




SIMRAN SHARMA

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EDUCATION

Maharaja Agrasen University

B.Tech in Computer Science and Engineering CGPA:9.4

Baddi

2020-2024

Govt Model Sr. Sec School

Senior Secondary Education

Kalka

2020

SKILLS

Frontend - HTML, CSS, JavaScript, React JS, Bootstrap, Tailwind CSS

Backend - Node JS, ExpressJs, Sequelize, Mongoose

Database - MongoDB, My SQL

Tools - Git, Github, Postman

PROFESSIONAL EXPERIENCE

Infrings Technologies Pvt Ltd.

Mumbai, India

Web Developer Intern

JULY 2023 - Present

- Involved in development of production grade features for the e-learning product '**Workabl**'.
- With this internship I got the opportunity to broaden my technical horizon on the following areas-
 - Development of **microservices** based Restful API over Node Js on **Serverless** framework on the backend.
 - Utilization of ORM (Sequelize) for My SQL database connectivity and operation.
 - Implementation of caching strategies using **Redis** for performance enhancement. Building several features that involved key **AWS services** like S3, EC2, RDS, SQS, SES, API Gateway, AWS Lambda, CloudFront cdn, Route 53 on the code as well as infrastructure.
 - Utilization of SQS for queuing messages to avoid throttling for external APIs like WhatsApp and email (AWS SES).
 - Using **cloud formation** for deployments of code and Sequelize migration for DB scripts.
 - Understanding **scalability of infrastructure** including key concepts like horizontal scalability, vertical scalability, load balancing etc.
- Working with ReactJs on frontend served as **static hosting** via S3.
- Working with schema validation libraries like Joi/Yup and formik for managing the complex form.
- Using **Axios** as HTTP client for API Integration.
- Using libraries like Redux, Redux toolkit for advanced **state management**.
- Using several React libraries like react-table, toastify alongside react-bootstrap for development of responsive UI/UX.
- Developed over **15 APIs and made 5+ feature** changes on the frontend that have been deployed on the production.

PROJECTS

Inks & Insights - ([Website](#))

- A simple blog website which is made by using React.js.
- Validation of forms is handled by using react-hook-form and TinyMCE as a **wysiwyg editor** is used to create formatted content.
- Used Appwrite as a backend service that handles user authentication, storage and database management.
- Technology Used - React.js, Redux Toolkit, Bootstrap, Appwrite, TinyMCE, React-hook-form.

BuZZTalk- ([Website](#))

- Implemented a real-time chat application by using Node.js and Socket.IO library.
- BuZZTalk is a simple website which I have created to gain exposure about **bidirectional communication**.
- Technology Used - React.js, Bootstrap, Node.js, Socket.IO, MongoDB

ParSim Point - ([Github](#))

- ParSim Point is a simple shopping website.
- Used Ejs as a template engine for **server side rendering**.
- Used Mongo DB for login and register purposes.
- Technology Used - HTML, CSS, JavaScript, Node.js, Express.js, MongoDB