Soham Pal

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EXPERIENCE

Freelance Web Developer
Nov 2023 – Current

Web Solutions Consultant and Developer

- **Royal Tech Exports:** Conceived and developed a new website to establish the company's digital footprint
- **New Readymade Centre** – Assisted in building the online store and enhancing the business's online presence.

Ernst & Young (EY)
February 2023 – July 2023

Technology Consultant

- Developed *dynamic forms and custom validations* for 'Swastha Ingit', an initiative by the West Bengal government, using Angular, resulting in 15% decrease in form submission errors and 40% increase in form completion rates.
- Designed and optimized the landing page where the page *load time was reduced by 20%* and overall performance was boosted by 30%, *enacted lazy loading and implemented graphs & data table* for the Health Management Information System (HMIS) of the West Bengal government
- Developed small-scale applications using Microsoft Power Apps to capture and store form details, streamlining workflow processes while working on ADO .NET for Microservices

Kinematic Foodtech Pvt. Ltd.
Feb 2022 – Aug 2022

Software Developer Intern

- Implemented new *pages and routing* for feedback flow after service cancellations and applied refunds to respective wallets or banks resulting in 25% decrease in customer complaint and 30% increase in customer satisfaction rating
- Improved existing features and functionalities of *Sprink* web app like adding/updating addresses, implemented progressive discount system, contributing to 15% increase in user engagement and 25% increase in conversion rates
- Contributed to front-end designs like carousel, while also spearheading the implementation of advanced filtering functionalities such as cuisine portion size & meal type, aimed at optimizing the user experience for our customers

EDUCATION

Narula Institute of Technology

Bachelor of Technology in Computer Science
July. 2019 – June 2023

- CGPA : 8.46 / 10

School Education

Secondary and Higher Secondary Education
June 2017 - May 2019

- Passed ICSE Board exam with 91.7% from St. Stephen's School
- Passed CBSE Board exam with 79% while studying Science from Kalyani Public School

PROJECTS

JSON Validator | *React, TypeScript*

- Developed a React and TypeScript-based JSON validator with schema validation using AJV, enabling users to validate JSON responses against custom schemas.

Binge : Movie Web App | *React, Redux Toolkit, RESTful API*

- Developed a web application to access newly released movies, incorporating lazy loading and search functionality.
- Leveraged the RESTful TMDB API to seamlessly fetch and integrate required movie data into the application.

currency-converter-pkg | *Node.JS, NPM*

- Engineered and published an npm package manager for currency conversion, enabling users to seamlessly convert currencies into their desired format.

E-commerce App | *React, Node.js, Express.js, MongoDB, Git*

- Developed a full-stack web application using MERN stack with MongoDB Atlas for data storage.
- Implemented pagination for enhanced layout and user experience.

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, TypeScript, PHP
Frameworks/Technologies: React, Angular, Node.js, MySQL, MongoDB, Bootstrap, HTML/CSS, Material-UI, .NET
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Postman