

Soham Pal Full Stack Developer

✉ sohampal1108@gmail.com 📞 (+91) 9749503806 📁 Portfolio 🌐 LinkedIn 🐙 Github 📍 Kolkata, India

PROFESSIONAL EXPERIENCE

Freelance Web Developer

Nov 2023 – present | Remote

- **Royal Tech Exports** : Designed and developed a comprehensive website to establish and enhance the company's digital presence, incorporating advanced web development and UI/UX design principles.
- **New Readymade Centre** : Developed an online store with payment integration, establishing the business's digital presence.

Ernst & Young (EY)

Feb 2023 – Jul 2023 | Kolkata, India

Summer Intern

- Developed routes, dynamic forms, and custom validations for 'Swastha Ingit', an initiative by the West Bengal government, using Angular, resulting in a 15% decrease in form submission errors and a 40% increase in form completion rates.
- Developed APIs and re-designed the landing page, reducing page load time by 20% and improving overall performance by 30%. Implemented lazy loading, pagination, toasters, and graphs & data tables 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 | Remote

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, such as 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

Bachelor of Technology | Computer Science Engineering

Jul 2019 – Jun 2023 | Kolkata, India

Narula Institute of Technology

- CGPA : 8.46 / 10

School Education

Kolkata, India

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

SKILLS

React | Angular | MySQL | C++ | TypeScript | JavaScript | Node.JS | NEXT JS | MongoDB | PHP | RESTful APIs | Express JS | jQuery | npm | Tailwind CSS | HTML5 / CSS

PROJECTS

miRO Board

NEXT JS | TypeScript | Auth | Liveblocks | React Hooks | Clerk | Convex | Tailwind CSS

- Developed a real-time collaborative web app with Next.js, enabling multi-user drawing and editing. Utilized React hooks for optimized state management, integrated Clerk for secure authentication, and Convex for seamless backend synchronization.

ProximityBrews

React | MongoDB | Node.JS | Express | Google APIs | geoJSON

- Developed a full-stack MERN application, integrating Google Maps APIs and geoJSON for location-based search. Implemented MVC architecture for backend organization and scalability, and deployed RESTful APIs to optimize performance and user experience.

BINGE

React | Redux | JavaScript | RESTful APIs | Sass

- Developed a web app with lazy loading and robust search features, allowing access to new movies and TV series of different genres. Seamlessly integrated the RESTful TMDb API for up-to-date content availability.

JSON Validator

React | TypeScript | JSON Schema | CSS

- Developed a robust React and TypeScript-based JSON validator using AJV for comprehensive schema validation. This tool empowers users to validate JSON responses against custom schemas with precision, ensuring data integrity and application reliability.

currency-converter-pkg

JavaScript | npm | Node.JS

- Developed and released an npm package manager for seamless currency conversion into desired formats.

ACHIEVEMENTS

MERN Stack Certification | Edureka

- Completed a comprehensive MERN stack course, earning certification in full-stack development.

Opensource Contributions

Hacktober Fest | GirlScript Summer of Code