

Soham Chakraborty

Full Stack Developer

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Summary

Software developer with almost 3 years of experience with a track record of success in designing, testing and implementing enterprise-grade software solutions. Proficient in front-end development in MERN Stack and ensuring cross-platform compatibility.

Skills & Toolkit

Frontend : JavaScript(ES6+), jQuery, Typescript, React JS, Next JS, HTML5, CSS, Bootstrap, Tailwind CSS

Backend : Node.js, Express.js, GraphQL

Database : MongoDB

AI Tool : Github Copilot

Tools & Technologies : Git, Github, RESTful APIs, Figma, amCharts, Material UI, Shadcn, Kendo UI

Additional Skills : Data Structures and Algorithms, AGILE methodologies

Experience

Software Engineer Level 1 - Keross R&D Pvt. Ltd

March 2022 - present

- Developed scalable web applications. Improved existing loading speeds by more than 60%.
- Analyzed algorithms, modified code, resolved bugs, brainstormed innovative ideas and integrated new systems for interactive web applications.
- Collaborated with cross-functional teams to analyze, design, and implement software solutions.

Projects

Real Estate Bidding Management for Atkins, Dubai -

June 2022 - December 2022

- Developed interactive dashboards to visualize complex data, improving decision-making efficiency.
- Designed user-friendly interfaces with dynamic filters and real-time updates.

Tech Stack - React JS, JavaScript, Node.js, Express.js, MongoDB, Material UI, FullCalendar, amCharts, Telerik and Kendo gantt and grids.

Dynamic Dashboard Management for MTN, Kolkata

September 2024 - December 2024

- Developed a fully functional, interactive dashboard with dragable and resizable widgets.
- Enabled users to create and visualize dynamic charts in real time.
- Integrated customizable charting options for enhanced data representation.
- Implemented advanced filtering capabilities for dynamic data exploration.

Tech Stack - Next JS, Typescript, Node.js, GraphQL, MongoDB, Express.js, Shadcn, Recharts, react grid layout for resizable and draggable components.

Ikon Enterprise Management, Kolkata -

January 2023 - present

- CRM system with lead creation, seamless lead-to-deal conversion, interactive gantt scheduling forms, resource allocation grids using the Kendo library, and streamlined pricing and invoice generation.
- Event Calendar App - Created a fully functional calendar based application to schedule and maintain events.
- Human Resource Management System - Made employee application forms for companies to hire employees, made portals to schedule interviews and other hiring formalities.
- Attendance Portal - Created an interactive portal for employees to give their attendance and take leaves.
- Project Management - An application to monitor all the company projects. Made forms, saved data, displayed those data on interactive dashboards for clients to view and interact.

Tech Stack - React JS, Typescript, Node.js, GraphQL, Express.js, MongoDB, Shadcn, Kendo UI

Own Projects

Food Ordering App

- Menu and Food Items Display: Displayed food items with categories and responsive design for different screen sizes.
- User Authentication and Management: Implemented user sign-up, login with strong password validation, and account creation.
- Shopping Cart Functionality: Enabled users to add products to the cart, increase/decrease quantities, and view cart details with prices and delivery charges.
- Checkout Process: Designed a delivery information page for users to enter addresses and proceed to payment.
- Order Management: Users can view order details, quantity, total price, and order status on the "My Order" page.
- Responsive Web Design: Ensured the website is fully responsive and looks perfect on different screen sizes.

Tech Stack - React JS, JavaScript, HTML, CSS, Bootstrap

Contact Management App

- Contact Management API: Build APIs to manage contacts, including creating, reading, updating, and deleting contacts.
- User Authentication: Secure the application using authentication, allowing users to register and log in.
- User Authorization: Implement authorization to ensure that only authorized users can access specific endpoints.
- Protected Routes: Implementation of protected routes so only authenticated users can access them.
- Password Hashing: Implementation of password hashing and comparison of the hashed password with the raw password.
- JWT (JSON Web Token): Usage of JWT token to sign in and verify for authentication

Tech Stack - React JS, JavaScript, Node.js, Express.js, MongoDB, Mongoose, Thunder Client (http client used to test APIs), JSON Web token

Education

Masters in Computer Applications

2019 - 2022

Heritage Institute of Technology and Management, West Bengal (8.76 CGPA)