Shreyasi Sarkar, Full Stack Web Developer(Front End Heavy)

Kolkata, India, 07908550752, creativejhilik1@gmail.com

LINKS

LinkedIn, github, Contributed on Others' Project

PROFILE

As a spirited software engineer with over 5 years of hands-on experience, I don't just solve problems; I craft solutions that light up the digital world. With an insatiable curiosity and a knack for rapid learning, I bring a rainbow of skills to web development. My expertise includes front-end technologies like React, Angular, JavaScript, HTML, and CSS, as well as Java. I also dance through the world of data structures and algorithms with a smile, ensuring efficient and scalable solutions. On top of it all, I proudly hold the prestigious AWS Certified Associate Developer certification, ready to soar with you into the cloud. Let's paint a colorful success story together!

SKILLS

Angular 9	HTML5
React.JS(Redux,Context API)	CSS, SCSS
JavaScript	SQL
Java 8	AG Grid
AWS	Rest API
Git	

EMPLOYMENT HISTORY

Feb 2021 — Present

Software Engineer, Apolisrises
Remote

Project Descriptions:

1. *Project Name: Pharma-Portal*

Developed a cutting-edge web application within the pharmaceutical domain, facilitating seamless access and updates of subject and sample data. The system adeptly manages inventory lists, streamlines data export to external clients via secure S FTP data transfer, and offers a convenient online ordering service for laboratory tests.

My Contributions:

- Created a reusable component library for the web application using Angular Material, resulting in faster development time for new features
- Developed a modular, single-page web application in Angular that incorporated responsive design principles
- Created custom directives to manipulate DOM elements and extend the functionality of components
- Developed a robust authentication system using JWT tokens and OAuthX for secure user access
- Developed custom services to manage application state and communicate with back-end APIs
- Designed and developed RESTful APIs using Java and Spring Framework to facilitate seamless communication between frontend and backend systems.
- Documented API endpoints, request/response structures, and usage guidelines to facilitate smooth collaboration with external clients and partners.
- Participated in Agile/Scrum development methodologies, contributing to sprint planning, daily stand-ups, and retrospective meetings to ensure project alignment and continuous improvement.
- Integrated AWS S3 SDK into the application for seamless interaction with AWS S3, enabling efficient document handling.
- Implemented security measures, including AWS Identity and Access Management (IAM) policies, to control access and secure document storage.
- Employed AWS S3 event notifications and AWS Lambda functions for real-time processing of document uploads and automated workflows.

Apr 2020 — Feb 2021

Front End Developer, Capital Numbers Infotech Pvt. Ltd
Kolkata

Project Descriptions:

1. *Project Name: Identity Check*

Designed and led the development of a sophisticated web application tailored for banks, aimed at verifying the identities of individuals efficiently and securely.Collaborated closely with stakeholders, including bank executives and compliance teams, to understand specific identity verification requirements, compliance standards, and data security needs.

My Contributions:

- Spearheaded the development of the front-end components for a mission-critical web application tailored for banks, leveraging cutting-edge technologies, including React.js
- Created reusable components to reduce code duplication and ease future maintenance
- Utilized CSS-in-JS to style components and create a consistent UI look and feel
- Utilized the React Context API to efficiently manage state and provide global access to crucial application data, enhancing the overall performance and maintainability of the application.
- Employed modern JavaScript features such as async/await and Promises to write code in an asynchronous manner
- integrated with the back-end API, facilitating real-time data retrieval and submission for identity verification checks.
- Implemented user authentication and access control mechanisms to ensure secure access to sensitive customer information.
- Collaborated with the Java development team to establish clear communication between the front-end and back-end systems through RESTful APIs.

| Sep 2017 — Apr 2020 | **Junior Software Developer, Click Objects IT Solutions Pvt Ltd** | Hyderabad |

1. Project Name: Cash-Pack

Spearheaded the development of a dynamic web application designed to efficiently manage and process promotional codes and coupons for a diverse range of e-commerce websites.

My Contributions:

- Leveraged React.js to create an intuitive and responsive user interface that allowed users to input, validate, and apply promotional codes during their shopping experience.
- Designed and implemented complex coupon validation logic, ensuring that codes were correctly verified and applied according to specific business rules and criteria.
- Integrated with multiple e-commerce APIs to seamlessly retrieve and update product pricing, discounts, and cart information, providing real-time accuracy for users.
- Utilized Redux for state management, enabling efficient data flow and synchronization across various components while maintaining a consistent application state.
- Implemented user-friendly features, such as automatic code suggestions and code validation feedback, to enhance user engagement and streamline the coupon redemption process.
- Developed a secure authentication system, allowing users to create accounts, manage their profiles, and track their coupon usage and savings history.
- Designed and implemented RESTful endpoints to support various CRUD operations, providing users with the ability to create, read, update, and delete data through HTTP requests.
- Utilized Express.js, a popular Node.js framework, to streamline API development, simplify route handling, and manage middleware for authentication and data validation.
- Implemented secure authentication and authorization mechanisms, such as JWT (JSON Web Tokens) and OAuth, to safeguard API endpoints and restrict access to authorized users.

EDUCATION

| Aug 2011 — Jul 2015 | **B.Tech, West Bengal University of Technology** | Kolkata |

- **DGPA:** 8.47 (On a scale of 10.0)
- **Branch:** Electrical Engineering

My educational background in Electrical Engineering has equipped me with a strong foundation in engineering principles and problem-solving skills, which I have applied in my professional career as a Software Developer to develop innovative solutions and tackle complex challenges effectively.

| Mar 2009 — Mar 2011 | **Higher Secondary (10+2), Durgapur AVB School(Under WBCHSE)** | |

- **PERCENTAGE:**66.8%

| Mar 2007 — Mar 2009 | **Secondary, Durgapur AVB School(Under WBBSE)** | |

- **PERCENTAGE:**86.7%

CERTIFICATION

AWS CERTIFIED DEVELOPERS ASSOCIATE

Credly Link:
https://www.credly.com/badges/88898feb-3301-4015-b640-7a1f6b88cd59

LANGUAGES

English	Highly proficient	Hindi	Native speaker
French	Working knowledge	Bengali	Native speaker