Titas Saha

Software Engineer

Versatile Software Engineer with expertise in React.js (Frontend), Python Automation (Testing), and Cloud Solutions (Azure), skilled in building scalable applications, webpages and streamlining workflows using modern development practices.

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📍 Ranaghat, Nadia, India

🖱 my-portfolio-neon-nine-10.vercel.app/My_Portfolio

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○ github.com/TitasUnique

WORK EXPERIENCE

Project Engineer
Wipro Technologies

05/2022 - 11/2024   *Kolkata, India*

Roles & Responsibilities

- Developed reusable and modular **React components** for dynamic product filtering, navigation menus, and customer queries, improving development efficiency and user engagement by 25%.
- Utilized **React-Router** and implemented responsive UI using **vanilla CSS, Material-UI, and Bootstrap** to create a seamless Single Page Application (SPA) with enhanced user experience and cross-device compatibility resulting in 15% better user satisfaction.
- Integrated **REST APIs** with **Axios** and **Redux** to manage backend communication and handle **JSON data**, streamlining data processing and ensuring efficient state management
- Tracked and managed development tasks using **JIRA** while maintaining a history of bugs and fixes for process transparency.
- Designed React.js UI components hosted on Azure, enhancing scalability and performance by 30%.
- Utilized **Python** to develop and deploy script files tailored for **automation testing**, facilitating the meticulous validation of **ECU software**. This implementation yielded a 20% increase in accuracy.
- Collaborated as a specialist with **stakeholders** to define **functional specifications**, reducing project rework by 15%.
- Developed a **PoC** for a real-time ticket status check app using **React.js** to demonstrate the feasibility of a tracking platform.
- Intern (02/2022 - 04/2022) : Developed an E-commerce platform (capstone project) , creating interactive web pages using **HTML, CSS, JS** and Bootstrap, implementing backend functionality & server with Java/J2EE, and MySQL, while hosting the application locally on a Tomcat server.

EDUCATION

B.Tech
JIS College of Engineering, Kalyani

07/2018 - 06/2022   *8.51*

Electronics & Communication Engineering

- Autonomous Fire fighting robot using Arduino & C programming.
- Smart Gas Leakage Protection System.
- Pond-cleaning robot removes pollutants autonomously.

Higher Secondary (W.B.C.H.S.E)
Ranaghat Pal Chowdhury High School (H.S.)

03/2017 - 05/2018
Science

SKILLS

Web Technologies : React JS, Hooks, HTML5, CSS3, JavaScript, JSON, JSX, Bootstrap, Material UI

Library : React-Router, React-Redux, React-pdf, Jest

IDE & Tools : GIT, JIRA, Azure DevOps, IBM DOORS, Figma, Sourcetree, Eclipse, Visual Studio Code

Technology : Agile, SEO, NPM, Vite, API integration

Languages : JAVA, C, Python

PERSONAL PROJECTS

My-Portfolio (08/2023 - Present)
- Built a personal portfolio using React to showcase skills, demonstrating responsiveness, creativity and expertise.

Movie Ticket Booking (07/2024 – 09/2024)
- Designed and developed a movie ticket booking website using React, npm, and Redux, featuring dynamic seat selection and data management.

CERTIFICATES

React 18 Course 2024 (Udemy) ⬈

The Complete JavaScript Course (Udemy) ⬈

Understanding HTML and CSS 2024 (Udemy) ⬈

JSON with JavaScript (Udemy) ⬈

Bootstrap 5 (Udemy) ⬈

The Complete JAVA (Udemy) ⬈

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Bengali
Native or Bilingual Proficiency

HOBBY

Travelling   Photography   Sketching

Designing