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MD SOHRAB HOSSAIN

Software Engineer

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Career Objective

As a versatile software developer with two years of experience, I specialize in building responsive and scalable web and mobile applications. I am proficient in JavaScript, TypeScript, C, and Java, with a strong foundation in object-oriented programming, search algorithms, and data structures. My expertise spans front-end and back-end development, as well as Android development. I am passionate about creating engaging user experiences and committed to staying updated with the latest industry trends and continuously enhancing my technical skills.

Experience

ZAAG Systems Limited, Uttara, Sector 1

Software Engineer

February 2022-Present

Global Team Collaboration:

- ✓ Coordinate with developers across different countries, ensuring effective communication and collaboration despite time zone differences.
- ✓ Facilitate cross-cultural understanding and cooperation within the team to enhance productivity and morale.
- ✓ Manage remote team members, fostering a cohesive and efficient working environment.

Leadership and Team Management:

- ✓ Conduct regular team meetings to track progress, address challenges, and celebrate successes.
- ✓ Lead a team of developers, providing guidance, mentorship, and support to achieve project goals and deadlines.
- ✓ Delegate tasks effectively, ensuring each team member's strengths are utilized optimally.

Product Development Collaboration:

- ✓ Provide regular updates to the product manager on team progress, challenges, and resource requirements.
- ✓ Act as a bridge between the development team and product management, ensuring clear communication and shared understanding.
- ✓ Collaborate with cross-functional teams, including QA/testing, BE to ensure smooth project execution and delivery.
- ✓ Identify opportunities for process optimization and improvement within the development team.

Key working domains:

- ✓ Developed and maintained responsive web applications using React.js, HTML, CSS, and JavaScript, Typescript, Next Js.
- ✓ Implemented Redux for efficient state management and maintained a centralized store.
- ✓ Collaborated with cross-functional teams to gather requirements and design scalable solutions.
- ✓ Stayed updated with the latest trends and technologies in the React.js ecosystem.
- ✓ Integrated third-party libraries and APIs to enhance application functionality.
- ✓ Participated in code reviews to ensure code quality and adherence to best practices.
- ✓ Conducted thorough testing and debugging to ensure high-quality code.
- ✓ Worked closely with UI/UX designers to implement pixel-perfect designs.

- ✓ Utilized Git for version control and collaborated with team members using GitHub/Gitlab.

Projects:

Task Tracking System

Description: DevCrafts Manager Hub is a task tracking and management system for your project. By which you can easily maintain your project and you can see the developers activity for his own machine, Developer's can submit their task with proper flow and Manual QA also can write the test cases under developer ticket and accept the ticket.

Technologies: Solid.js, Node, Express, MongoDB, Socket.io, Typescript

Features:

- ✓ Streamlined Project Management
- ✓ Flexible Employee Role Assignment
- ✓ GitHub Integration (Particular user ticket will update automatically once owner will push the code into connected github application)
- ✓ Task Assignment and Progress Tracking
- ✓ Time Tracking and Analytics
- ✓ Real-time Collaboration
- ✓ Visibility of developers activity with collected random screenshots and developer application usage log's for the tracking time.

Major Challenges:

1. Created a desktop application with Electron.js which will be responsible for run the ticket and the application will take screenshot and collect developer activity log , total active time and will update inside that particular running ticket.

Live Links:

Frontend: <https://shorturl.at/gotwR>

Api Docs: <https://shorturl.at/iBD16>

Chat Application

Technologies: React , Redux , Node, Express, MongoDB, Socket.io, Typescript, Tailwind

Features: Login, Registration, Forget Password, Reset Password, Active Account By Email Verification, Private Chat, Group Chat, Delete Conversation From One End, Unsent Message etc.

Major Challenges:

1. Maintain maximum one device can login at a time, if any new device logged in it will automatically logout other logged in devices.
2. Unsent Message & Delete Conversation From One End.
3. Online/Offline System.

Source Code:

https://github.com/sohel902833/react_redux_fullChat

https://github.com/sohel902833/node_t_chatApp

Mobile Banking System

Technologies: React , Redux , Node, Express, MongoDB, Socket.io, Typescript, Tailwind

Features: Login, Registration, NID scan registration system , Forget Password, Reset Password, Send Money, Cash out , Add Money

Major Challenges:

1. Filter all the transaction, user sign in information with monthly, date -range and yearly basis.

Source Code:

https://github.com/sohel902833/react_bkashAdmin

Technical Skills & Tools

Languages: JavaScript, Java , Go

Frameworks/Libraries: React.js, Next Js, Material Ui, Tailwind, Redux, Node js, Express js, Mongoose, Prisma, jest, enzyme.

Tools: Git, GitHub, Gitlab, Mattermost.

Database : MongoDB, MySQL

Additional Skills: Responsive Design, Cross-Browser Compatibility, Debugging, and Testing, Docker

Education:

✓ **Diploma in Engineering**

Department: Computer

Institute: Rangpur Polytechnic Institute, Rangpur

Duration of Course: 4 Years

Board: Bangladesh Technical Education Board (BTEB)

Passing Year: 2021

CGPA: 3.86 / 4.00

✓ **Secondary School Certificate (S.S.C)**

Group: Science

School Name: Makura Islamia De-Mukhi Fazil Madrasah.

Board: Madrasah

Total GPA: 4.67 (out of 5.00)

Passing Year: 2017

Training Summary:

1. Think in a Redux way

From Learn With Sumit Platform

Performance Overview: <https://learnwithsumit.com/certificates/verify/LWSCTXN-EMEQWTW4>

Course Duration: 2 month

Project Completed: 10

2. Android Application Development

From Creative It Institute

Course Duration: 3 month

Project Completed: 3

Language:

- ✓ Excellent command over reading ,writing & medium speaking in English.
- ✓ Excellent command over reading ,writing & speaking in Bangla.

Self Assessment:

- ✓ Excellent Communication Skills.
- ✓ Good skills in motivation.
- ✓ Strong leadership skills.
- ✓ Striving to accomplish the goal.

Declaration:

I declare that information above this true to the best of my knowledge. If required and where

applicable, these documents can be supported by appropriate authentic certificate/paper.

Signature

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Date:.....