

Dipendu Dey

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Portfolio: <https://dipendu-dey.vercel.app/>

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Summary

Accomplished Software Engineer with 3 years of full-time and 1 Year of internship experience at Deloitte USI, specializing in crafting scalable solutions with NodeJS and ReactJS. Proven expertise in developing responsive UI designs and optimizing system performance, resulting in reduced processing times. Proficient in JavaScript with strong skills in mentoring and leading junior developers.

Experience

Software Engineer @Deloitte USI, Bengaluru, Karnataka - From 12/2020 to Present

Government Project- React JS Developer

- Identified and fixed accessibility issues in UI screens to ensure compliance with the Americans with Disabilities Act (ADA) standards, enhancing usability for users with disabilities.
- Developed custom logic to control and block the browser's back button functionality according to project requirements, improving user flow and preventing navigation issues.
- Corrected tabbing and focus issues in the UI to ensure smooth and intuitive keyboard navigation, improving accessibility and user experience for all users.
- Tested and optimized UI components to work seamlessly across different browsers, enhancing consistency and performance.
- Adhered to coding standards and best practices for UI development, ensuring high-quality, maintainable code.
- Worked closely with stakeholders and team members to understand requirements and deliver solutions that meet user needs and project goals.

Chip Manufacturing Company Project- Node JS Developer

- Designed and implemented the chatbot's architecture using NodeJS and Bot Builder framework, ensuring scalability and maintainability.
- Developed a modular codebase with reusable components and clear documentation for easier updates and maintenance.

- Integrated the chatbot with Microsoft Teams using the Bot Framework, enabling seamless communication and interaction within the Teams environment.
- Utilized Adaptive Cards to present data in an interactive and visually appealing manner, including dynamic tables and actionable buttons.
- Designed and implemented a user-friendly welcome page, improving user onboarding and engagement with the chatbot.
- Conducted user testing and gathered feedback to iteratively improve the chatbot's interface and functionality.
- Deployed the chatbot to a cloud environment (e.g., Azure) for high availability and performance.
- Ensured data security and compliance by implementing authentication and authorization mechanisms within the chatbot.
- Conducted load testing to ensure the chatbot could handle high volumes of concurrent users.
- Provided training sessions and created user guides for team members and end-users to facilitate effective use of the chatbot.

Bank Project - React JS Developer

- Designed and developed multiple user interface pages using ReactJS, tailoring each component to meet the client's specific requirements and delivering a seamless user experience.
- Created reusable components to reduce code duplication and ease future maintenance.
- Developed responsive UI pages using CSS frameworks and media queries to ensure compatibility across various devices and screen sizes.
- Integrated ReactJS components with backend services using RESTful APIs to fetch and display dynamic data.
- Conducted end-to-end testing to verify the functionality and performance of user interfaces in various scenarios.
- Managed code changes and collaboration using Git and GitHub, including branching strategies, pull requests, and code reviews.

Servers, Storage, Wired and Wireless networking Project- NodeJS Developer & Operate

- Implemented parallel execution strategies to significantly reduce processing time and enhance system performance.
- Designed and developed new APIs to align with client specifications, expanding functionality and improving integration capabilities.
- Proactively identified and resolved system bugs, ensuring the stability and reliability of the application.
- Implemented and integrated new features and enhancements, improving system functionality and user experience.
- Addressed and fixed bugs within the existing codebase, ensuring ongoing stability and performance of the application.

- Effectively managed and resolved major incidents, ensuring minimal disruption and smooth delivery of system updates.
- Provided training and mentorship to junior developers, fostering skill development and promoting best practices within the team.

Technical Skills

- **Languages:** JavaScript, Python.
- **Frameworks:** ReactJS, NodeJS, Express JS, Next JS, MongoDB, Django.
- **Infrastructures:** Docker, Kubernetes, Jenkins, Elastic Search.
- **Development Tools Used:** GitHub Desktop, Git Bash, GitHub, Bitbucket, Kibana, New Relic.

Education

University: West Bengal University of Technology | Durgapur, West Bengal

Branch: Bachelor of Computer science and engineering from 07/2015 to 06/2019

Languages

English, Hindi, Bengali

Declaration

I hereby declare that all the information provided is true to the best of my knowledge.