

Rahul Chowdhury

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Experience

Infosys System Engineer – <i>JavaScript, react, Node.JS, MySQL</i>	Nov 2021 – Jan 2024 Hyderabad, India
<ul style="list-style-type: none">Project 2: Finacle e-Banking: Worked as part of the product maintenance team, ensuring system stability, high availability, and troubleshooting issues in a high-demand, 24/7 environment.Enhanced and maintained the Finacle e-banking platform using JavaScript (ES6) and React.js, improving front-end functionality, scalability, and optimizing load times to enhance user experience.Managed production deployments, performed source code updates, integrated REST APIs, and utilized MySQL for efficient data management, ensuring smooth operation and performance.Developed Node.js-based REST APIs and implemented user authentication and authorization using JWT tokens, streamlining communication between internal systems, enhancing backend performance, and ensuring secure access to sensitive banking data.Optimized backend performance by refactoring code, improving database queries, and implementing best practices, resulting in faster transaction processing and improved system responsiveness.Project 1: Finacle Alerts: Resolved critical issues within the Finacle Alerts system, leveraging JavaScript for source code modifications and SQL for database checks, ensuring alignment with project requirements.Led the migration of legacy systems to a modern Node.js environment, significantly improving system scalability, maintainability, and reducing technical debt while enhancing the overall architecture.	

Technical Skills

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| <ul style="list-style-type: none">Programming Languages: JavaScript, C++Front-end Technologies: React.js, Redux, HTML, CSSBack-end Technologies: Node.js | <ul style="list-style-type: none">Databases: SQL, MySQL, Oracle DBVersion Control: Git, GitHubCore Subjects: OOPS, Data Structures |
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Projects

Self-Portfolio <i>HTML, CSS, JavaScript</i>	GitHub
<ul style="list-style-type: none">Created a personal portfolio website to showcase web design fundamentals, skills, and various projects. Designed with a clean and responsive layout to highlight my front-end development abilities.Implemented interactive sections with smooth animations and transitions to enhance user experience.	
Drum Kit <i>HTML, CSS, JavaScript</i>	GitHub
<ul style="list-style-type: none">Developed a virtual drum machine that allows users to play percussion instruments using a PC keyboard or mouse, providing an interactive music experience.Styled the interface with a clean, user-friendly layout, integrated key press & mouse functionality to trigger sounds.	
Dice Game <i>HTML, CSS, JavaScript</i>	GitHub
<ul style="list-style-type: none">Built an interactive dice game where users roll dice and receive random outcomes with a dynamic user interface.Added a reset feature to restart the game, improving user interaction and gameplay experience.	

Achievements

- Client visit** to New Delhi for 1 month (May 2023) to support project delivery.
- Runner-up in **Inter-Campus Cricket Championship** at Infosys Hyderabad (2022).
- Engaged as a **Professional Gamer** for the WFL team from 2017 to 2019.
- Acted as an **Executive Member** of the Robotics Society at Asansol Engineering College.

Education

Asansol Engineering College, West Bengal
Bachelor of Technology

July 2016 - Sept 2020
DGPA : 6.79