Ujjwal Kumar

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Education

Visvesvaraya Technological University	**Bengaluru, India**
Bachelor of Engineering in Computer Science and Engineering, CGPA: 9	*Aug. 2017 – Aug. 2021*
JD Public School	**Chapra, Bihar**
Senior School(12th), Marks: 83%	*Passed: 2016*
Chapra Central School	**Chapra, Bihar**
High School(10th), CGPA: 10	*Passed: 2014*

Experience

Metricstream Infotech Private Limited — **Bangalore, India**
Member of Technical Staff (Research and Development Team) — *Aug 2021 - Present*

- Full-stack development for the Audit Manager Project, including creating the Login Page UI and implementing all necessary REST APIs for user registration, login, password change, and password reset. Utilized ReactJS for the frontend and NodeJS with ExpressJS and MongoDB for the backend.
- Modernized the front-end framework, transitioning from BackboneJS to ReactJS, significantly boosting the GRC application's scalability and maintainability.
- Successfully led the migration of all charts within a GRC application, transitioning from Fusion Charts to D3, enhancing data visualization and interactivity.
- Developed mpowerAPIs for consumption by the Business Rules team.
- Collaborated with the development team to identify and fix performance bottlenecks, resulting in a 20% increase in application speed.
- Resolved critical bugs in the company's software, improving stability and customer satisfaction.
- Participated in regular code reviews to ensure code quality, identify issues, and provide constructive feedback to team members.
- Collaborated with cross-functional teams to coordinate project requirements and ensure seamless integration of components.

Projects

Chat Application | *NodeJS, ExpressJS, ReactJS, MongoDB* — **January 2021**

- Developed a real-time chat application using MERN stack, allowing users to communicate seamlessly.
- Designed and implemented the application's user interface, ensuring an intuitive and responsive user experience.
- Integrated user authentication and authorization mechanisms to ensure data privacy and security.

Newsmania | *NodeJS, ExpressJS, ReactJS, MongoDB* — **November 2020**

- Newsmania is a Newspaper Web App that gathers headlines from various newspapers in one place so as to amplify user experience while reading News.
- Used tech stacks such as Node, HTML, CSS, and ReactJS, this web app has other functionalities such as the Screenshot feature, Notes Section etc.

Technical Skills

Languages: JavaScript, TypeScript, Java, HTML/CSS, SQL
Backend and Frameworks: NodeJS, ExpressJS, MongoDB
Frontend:ReactJS
others:D3.JS, Git,Rest API, Object Oriented Programming, DataStructures

Certification

MTA: Introduction to Programming Using JavaScript - Certified 2019
(Certificate Link)