Ashish Kumar Verma

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Experience

Systems Engineer, Infosys Limited – Bangalore   December 2022 - Present

- Hands-on experience in **ReactJS** and **NodeJS** for building web applications, contributing to the development of over **two** web applications with **1,000+ active users**.
- Developed dynamic and responsive frontends using **ReactJS**, focusing on reusable components and state management with **Redux** and **React Context API**, resulting in **30% faster page load times**.
- Built and optimized RESTful APIs using **NodeJS** and **ExpressJS** for authentication, user management, and CRUD operations, handling **500+ requests per minute**.
- Implemented a secure authentication system using **JWT** (JSON Web Tokens) and role-based access control (RBAC), securing data for **1,000+ users** across multiple applications.
- Integrated **MongoDB** (or other databases) using **Mongoose/Prisma** for data management, optimizing performance through caching and efficient queries, reducing query response times by **40%**.
- Collaborated in an **Agile environment**, using **Git** for version control and deploying applications with CI/CD pipelines on **AWS/Heroku**, contributing to **weekly deployment cycles** with zero downtime.

Education

Bachelor of Technology (Electronics and Communication)   June 2018 - May 2022
SRMSCET – Bareilly, U.P
CGPA: 7.4/10

Senior Secondary (Class 12)   May 2018
Arihant Public School – Kota, Rajasthan
Percentage: 64%

Projects

Connect - A Chat App   GitHub Link

- Developed a **real-time chat application** enabling users to **sign up, log in, and log out**, supporting both private and group chats with real-time messaging.
- Users can create and join **chat groups**, share messages, and connect with others seamlessly.
- Tools Used: **ReactJS, NodeJS, ExpressJS, MongoDB, JWT, Socket.IO**.

Whiteboard - A Drawing Tool   GitHub Link

- Developed an interactive **drawing tool** with **freehand drawing**, shape tools, and **color selection**.
- Added **undo/redo** functionality and **image export** options.
- Tools: **ReactJS, NodeJS, Canvas API, Socket.IO**.

Technologies

Languages: C++, JavaScript, TypeScript, Java, HTML, CSS.
Libraries: C++ STL, ReactJS, Prisma.
Web Dev Tools: Node.js, VS Code, Git, GitHub, ExpressJS.
Frameworks: Next.js, Selenium, Cucumber.
Cloud/Databases: MongoDB, MySQL, PostgreSQL.

Coding Profiles

LeetCode: Solved over 700 questions.   Profile Link