

# VINAY KUMAR

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## Technical Skills

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**Languages and Databases:** JavaScript, TypeScript, SQL, PostgreSQL, MongoDB, HTML, CSS.

**Developer Tools:** Docker, git, VS Code, Eclipse

**Frameworks:** ReactJS, NodeJS, ExpressJS, Tailwind CSS.

**Other Skills:** Software Architecture, Microsoft Azure (cloud deployment, app hosting, and management), Redux, Redux Toolkit, Redis, Tailwind CSS, WebSocket's, Data Structures, Algorithms.

## Experience/Projects

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### Infosys

February 2024 - Present

*Specialist Programmer*

*Gurgaon, India*

- Developed and maintained responsive web applications using **ReactJS**, Material UI
- Implemented **Authentication** and **Authorization** using **react-oidc** library.
- Used **JWT (JSON Web Token)** authentication to securely transmit user information between the client and server, ensuring the integrity and confidentiality of communication.
- Conducted thorough testing and debugging of front-end code to ensure optimal performance.
- Managed database operations using PostgreSQL, **optimizing** query performance and reducing data retrieval time by 20%. Collaborated with DevOps team to ensure smooth deployment.
- Participated in Agile development processes, daily stand-ups, and code reviews, leading to a 20% increase in team productivity.
- Used **Redux, Context Api** for managing the state across Application which optimized user experience across various devices and browsers.

### LTIMindtree

March 2021 – January 2024

*Senior Software Engineer*

*Noida, India*

- Collaborated with designers to translate UI/UX designs into functional front-end code, achieving 100% design accuracy and enhancing user satisfaction.
- Worked on Frontend using ReactJS along with **Typescript** and Backend with NodeJS, Used Mobx for state management and worked on different **ReactJS hooks**
- Worked on Sequelize a NodeJS based **ORM(Object Relational Mapper)** tool for the **PostgreSQL** and Increased productivity, improve maintainability, and reduce the complexity of working with relational databases in Node.js applications.
- Integrated RESTful APIs to fetch and display dynamic content, improving data retrieval efficiency by 25% and enhancing overall site performance.
- Performed **Unit Testing** and have achieved above 85% **code coverage**.
- Created routes and controllers using **ExpressJS** and **NodeJS**.

## Personal Projects/Awards & Achievements

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- **Support Ticket System** – Built a **Full Stack MERN** Application using Redux Toolkit for State Management and JWTs for Authentication and Authorization.
- **Ecom Website** – Developed a MERN Stack-based e-commerce website enabling users to browse and purchase electronic goods, providing a seamless online shopping experience.
- **Awards** – Got the Super Crew Award for displaying exemplary team spirit and taking initiative, exceeding expectations in the Project.

## Education

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Maharaja Agrasen Institute of Technology

*B. Tech*

Aug 2016 – Sep 2020

*Rohini, New Delhi*