VIVEK KUMAR VERMA

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PROFILE SUMMARY — Results-driven **Full Stack Developer** with **3+ years of experience** in designing, developing, and deploying scalable web applications. Expertise in **JavaScript, React JS, Node JS,** Angular, Python, Selenium, Cypress, MongoDB, Jasmine, Git, Jenkins, Jira. Adept at working in Agile environments, software development processes, delivering efficient and high-quality software solutions.

TECHNICAL COMPETENCIES

Framework	Node JS, React JS, Angular, Express, Redux	**Dev Tools**	VsCode, Pycharm, GIT, Jira, Docker
Languages	JavaScript, Python, Core JAVA	**Test Tools**	Selenium, Cypress, Jasmine
Database	MongoDB, SQL	**OS**	Windows, Linux

RECENT EXPERIENCE

Wipro Technology   **June 2022 – Present**
Project Engineer (Full Stack Developer)

– Designed, developed, and maintained robust full-stack web applications using **React.js, Node.js,** and **MongoDB,** delivering scalable and maintainable solutions.
– Developed modular, reusable components using **React.js, React Hooks** and **Context API**, improving application scalability and maintainability.
– Optimized component rendering and state management using **Redux Toolkit**, resulting in a 25% improvement in UI performance.
– Integrated **RESTful APIs** and third-party services using **Axios** and **Fetch**, enabling dynamic data interaction and real-time content updates.
– Enhanced user experience by implementing **lazy loading, code splitting, and memoization**, reducing initial load time and improving performance scores.
– Built **RESTful APIs** using **Node.js and Express**, following MVC architecture and middleware patterns for clean and maintainable code.
– Implemented secure **authentication** and authorization using **JWT and OAuth2**, ensuring data protection and user role management.
– Developed robust backend services with Express, including file uploads, email notifications, and background job scheduling with Node-cron.
– Integrated **MongoDB** with Mongoose ORM, designing flexible schemas and ensuring efficient query performance for high-volume datasets.
– Applied rate error-handling **middleware** in Express apps to enhance API security and reliability.
– Engineered and deployed advanced document synchronization features, including real-time UI status updates and automated version cleanup, boosting synchronization efficiency by 80%.
– Resolved **high-priority production bugs** across the tech stack, significantly improving system stability, application reliability, and user satisfaction.
– Led the analysis of technical **spike** stories to determine feasibility, effort estimation, and scope definition, aiding in accurate Agile sprint planning.
– Implemented **unit testing** and **API testing** frameworks using Jasmine, ensuring high code coverage and minimizing production regressions.
– Built and maintained end-to-end **(E2E) test automation** using Cypress, enhancing test efficiency and reducing manual regression testing time by 40%.
– Performed detailed **code reviews** to enforce coding standards, promote best practices, and foster collaborative development across the engineering team.
– Utilized **Grafana** for real-time application performance monitoring, proactively identifying performance bottlenecks and optimizing backend processes.

EDUCATION

Rajkiya Engineering College, Sonbhadra   **2018-2022**
Bachelor of Technology in Electronics Engineering[84.20]

Avadh International School, Ashapur, Faizabad   *2016-2017*
Intermediate[85.26]

Avadh International School, Ashapur, Faizabad   *2014-2015*
Highschool[85.56]