PANKAJ

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PROFESSIONAL SUMMARY

- Software Developer with 1+ years of experience in building scalable and efficient applications. Committed to solving problems and delivering value through resilient, technology-agnostic development approaches.

WORK EXPERIENCES

Full Stack Developer: Fourbrick Technology | Apr 2025 – Present

- Accelerated backend performance by refactoring API endpoints and database queries, improving response times and user engagement by 42%, and reducing websites downtime by 36%.
- Introduced a new system for tracking and resolving technical debt, leading to a 40% reduction in outstanding issues and improving the long-term maintainability of the application.
- Designed and created scalable architectures for MERN stack applications, reducing server load by 30% and enhancing application efficiency, technical performance and user attraction by up to 24%.

Full Stack Developer: Mployee.me | Jan 2025 – Mar 2025

- Architected and deployed microservices-based solutions, leveraging Docker and Kubernetes, resulting in a 50% improvement in system maintainability and fault tolerance, and reducing downtime.
- Implemented a structured technical debt management framework, resulting in a 35% decrease in recurring code issues and enhancing overall codebase stability and scalability.
- Crafted caching strategies with Redis and optimized MongoDB indexing, reducing query execution time by 67%, improving database efficiency by up to 40%, and enhancing user experience.

PROJECTS

Cookmypapers Tools | Jan 2025 – Mar 2025

- Built collection of tech tools and enhanced authentication and security protocols by implementing JWT-based authentication, OAuth, and role-based access control, strengthening application security and reducing vulnerabilities by 40%.
- Designed and implemented RESTful APIs, decreasing server response times by 42% and improving web application performance; resulting in 30% higher throughput and user-perceived performance.

Customer Relationship Management | Oct 2024 – Dec 2024

- Created User & Sales Management by developing advanced customer tracking, automated follow-ups, and real-time sales insights, improving customer engagement and boosting conversion rates by 35%.
- Optimized CRM performance and scalability by designing high-efficiency systems, accelerating data retrieval speeds, and reducing performance latency by 45%, ensuring a seamless user experience.

Learning Management System | Aug 2024 – Oct 2024

- Established and refined a scalable Learning Management System (LMS) using the MERN stack with Socket.IO, improving system performance and student performance tracking by 53%.
- Developed an AI-powered recommendation engine to personalize relevant course suggestions based on user behavior and test results, increasing course completion rates by 35%.

SKILLS

- **Languages:** JavaScript, TypeScript, Python, C/C++
- **Frontend:** React.js, Next.js, Tailwind CSS, Vite, React Native, Bootstrap, HTML, CSS
- **Backend:** Node.js, Express, Django, Flask, REST APIs, Kafka, Socket.IO, GraphQL, JWT
- **Databases:** MongoDB, MySQL, Redis
- **Tools/DevOps:** Docker, Kubernetes, AWS, Git, Postman, Google Cloud, GitHub, Gitlab, Linux

EDUCATION

Dr. APJ Abdul Kalam Technical University, Lucknow | Aug 2020 – Jul 2024

- Bachelor of Technology in Computer Science, **CGPA**: 7.8

Relevant Coursework: Data Structures, OS, DBMS, CN, AI, ML