AKASH TRIPATHI

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WORK EXPERIENCE

ML Infomap Pvt. Ltd.   March 2021 - Present
Software Programmer

- With nearly 4 years of experience, built scalable full stack applications using React, Node.js and containerization using Kubernetes and Docker, boosting efficiency by 80%.
- Enhanced frontend performance by 90% through advanced techniques like code splitting, lazy loading, and server-side rendering, ensuring seamless user experiences across devices.
- Led cross-functional teams in building robust, maintainable web applications, implementing state management solutions (Context API, Redux, Recoil) to reduce re-renders and improve data flow.
- Developed and maintained RESTful APIs, enhancing data fetching capabilities and achieving a 85% reduction in server response times.
- Collaborated on code reviews, automated testing, and CI/CD pipeline maintenance, achieving a 98% deployment success rate while adapting to evolving project requirements and technologies.
- Authored comprehensive project documentation, including SSD, LLD, SOP, and proposal documents, outlining the development process, implementation strategies, and outcomes.

PROJECTS

Tracking System for Concor India Limited

Tools: React, Node, GitHub, SQL Server
- Developed a mobility tracking system that allows admin to track staff locations during office hours and generate reports, improving operational visibility by 75%.
- Ensured optimal functionality by strategically allocating resources and implementing efficient solutions, improving overall system performance.

NSDC (National Skill Development Corporation)

Tools: React, Node, GitHub, Postgre SQL
- Contributed to the development of an end-to-end GIS web application for nationwide Central government schemes with a team of 8-10.
- Conducted thorough reviews and implemented optimizations to enhance data accessibility and visualization, significantly improving client satisfaction for nationwide skill development initiatives.

India Market Place

Tools: React, Node, Python, GitHub, Postgre SQL
- Architected a business web app for consumer market discovery across India which enhanced market targeting precision by 70%.
- Created the app with detailed consumer insights and market analysis, resulting in data accuracy and actionable business intelligence.

HRMS (Human Resource Management System)

Tools: React, Node, GitHub, SQL Server
- Engineered a comprehensive portal that manages employee attendance, leave and generates relevant salary report, reducing administrative overhead by 80%.
- Integrated APIs with complex database queries for seamless data communication and functionality across platforms.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P.   June 2016- July 2020
- Computer Science & Engineering
- CGPA : 8.15

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Typescript, Python
- **Frameworks & Libraries:** React.js, Express, Node.js, Angular, Tailwind CSS
- **Tools & Databases:** JIRA, GitHub, Postgre SQL, MS SQL Server, MongoDB, Kafka, Docker

CORE COMPETENCIES

Agile Methodologies │ Full Stack Development │ Restful API │ Debugging │ Database Management │ Micro Service Design │ Performance Optimization │ Version Control