


Parveen Kumar

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About Me/ SKILLS

I am a **Full-stack MERN** engineer with a product centric approach, specializing in the design and development of scalable, reliable, production ready web applications. Leveraging cloud services and microservice based architecture.

Backend	Node Js , Typescript, Express Js, Kafka , Jest
Frontend	React Js , Redux , Html, Css, Bootstrap, React testing lib
Cloud	AWS (Amazon web services), Docker, Kubernetes
Databases	Sql (MySQL, PostgreSQL), NoSql (MongoDb, DynamoDb)
CI/CD data pipeline	Github actions
Tools & Technologies	Webpack, Vite, Rest, GraphQL, Elastic search, Redis, Git, Joi, Npm, winston, Jira, Confluence, VsCode

WORK EXPERIENCE

Cognizant Technology solutions | **NodeJs, ReactJs, Express Js, Javascript, Kafka, AWS**
Sr. Software Engineer/ Technical Lead | May 2021 – Present - Noida, India

Banking Domain

- Improved **React** app **performance** by 50% by reducing build size using techniques such as memoization, lazy loading, code splitting, and tree shaking, resulting in an enhanced customer experience and increased revenue.
- Migrated old react code as per new standard like using **redux** toolkit and **Vite**.
- **Led** the team to migrate **legacy** applications to the latest version, incorporating modern standards, resulting in substantial improvements to code readability, reusability, and maintainability, with a notable 30% decrease in technical debt and a 25% boost in code reusability, driving a projected revenue increase of **\$10M**.
- Orchestrated the transition to a **Kafka** PUB/SUB event-driven architecture, enabling **real-time** data flow for data search and analytics purposes which enhance product **efficiency** by **40%**.
- Designed and implemented a **scalable, production** ready and fault-**tolerant** system that seamlessly integrates with various components, ensuring timely and **efficient** data processing and delivery.
- Developed **common libraries** and utilities, promoting code consistency, reducing duplication of effort, and enhancing **collaboration** across teams which leads to save many hours, **25%** increase in code efficiency through standardized implementations, **40%** improvement in collaboration efficiency through shared resources and knowledge sharing.

Thinksys software | **Node.Js, Express, ReactJs, AWS**

Sr. Software Engineer | Nov 2019 – May 2021 - Noida, India

- Created automation to analyze human faces in dental web applications which eliminated manual effort and boosted revenue by over **50%**, driving significant business growth and profitability.
- Achieved by AWS face API service to detect the various attributes on a human face.
- Integrated **API** gateway for secure Authentication, Request/response management and serverless **microservices** hosted on lambda function for scalability and efficiency.
- Data storage and management on S3 Bucket and MongoDB for seamless data processing and retrieval.

Q3 Technologies | **NodeJs, ExpressJs, AWS**

Sr. Software Engineer | May 2017 – July 2019 - Gurgaon, India

- Designed and developed innovative healthcare software applications to digitize patient data tracking, significantly **reducing** paperwork by **80%** and enhancing the overall patient experience.

- Successfully implemented **real-time** updates for patients, ensuring timely access to critical health information.

Agile Continental | ***Symfony, Javascript, MySql***

Technology Developer | July 2016 – May 2017 - Ludhiana, India

- Contributed to a user portal for managing music events, which included functionalities for ticket booking, automated email notifications, and detailed reporting capabilities.
- Implementation resulted in a 30% increase in sales, 25% reduction in event management time, and a 95% customer satisfaction rate.

Evolvan info solution | ***Magento, Javascript, MySql, HTML, CSS***

Software Engineer | Oct 2014 – July 2016 - Ludhiana, India

- Developed an ecommerce portal for selling suitcases, overseeing the entire project from start to finish, including designing and managing the backend infrastructure to track product inventory, customer order history, and generating insightful sales reports.

TCY online learning solution | ***PHP, Javascript, MySql, HTML, CSS***

Software Trainee | March 2013 – Sept 2014 - Ludhiana, India

- Contributed to an education hub platform, which enables online testing for students, provides detailed performance reports, offers mock tests for practice, and automates email notifications.

EDUCATION

Lovely Professional University

Bachelor of Technology (Computer Science) | June 2008 - Aug 2012

LANGUAGE

English - Fluent