Darshan Sharma

+91-7009746321   thedarshansharma@gmail.com   https://linkedin.com/in/darshansharmain

Education

Panjab University

Bachelors in Engineering (Computer Science) 2014 - 2018

Skills

Web:	HTML5, CSS3
Frameworks:	**React.Js**, **Node.Js**, Express, Nest.Js, Flutter
Tech Stack:	MERN, LAMP, PERN
DevOps:	CI/CD, AWS-**Lambda**, ECS, EKS, S3, **Docker**, **Kubernetes**
Web API:	REST API, **GraphQL**
Database:	PostgreSQL, MongoDB, Redis
Load Balancer:	Rabbit MQ
Prog. Languages:	Java, Python, Dart, **JavaScript**, TypeScript

Work Experience (5+ Years)

MonkAI Technologies   Position: Senior Software Engineer   May 2020 - Dec 2023

- Improved React video player load time in the app feed by pre-loading just 25% of the content, fetching the rest only after 90% viewership of the initial segment, guided by user data analysis.
- Reduced DB expenses by 10% by integrating Redis as a caching layer, resulting in a single definitive database call rather than 6-7 heavy mongodb calls.
- Developed 9 Flutter mobile and web apps featuring in-app purchases, animations, push alerts, maps, auth. Released them on Play/App Store

Paxcom   Position: Software Engineer   May 2019 - Oct, 2019

- Decreased the load on the node server backend by 70% as it was being used for heavy CPU computations like image processing, and CSV to HTML conversion using a RabbitMQ as a load balancer.
- Achieved a 30% decrease in server expenses by transitioning from a monolithic to microservices, used RabbitMQ for load distribution, coupled with the integration of automated scaling and efficient traffic management.

Block8   Position: Software Engineer   May 2018 - May, 2019

- Improved React-Node app's speed by tweaking database queries, majorly enhancing its operational efficiency. Reduced LCP from 6s to 3s using CDN to serve static assets.

Projects

- **MyStake:** Reduced loading time of web page by 20% by optimizing database queries, specifically by selecting before joining operations.
- **Paxcom**: Reduced the memory usage by 70% of a CPU-intensive task of Excel to HTML conversion in Node.js by architecting a dedicated microservice separately for it.