Darshan Sharma
Lead Software Engineer

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Over half a decade of **React** and **Node** expertise, specializing in **System Design**, backed by a solid foundation in **Computer Science**.

Education

Panjab University. B.E (CS) 2014-2018 - 81.10%

AIR 1248 in GATE - CS 2020

Contributed to renowned organizations such as **Google** and **Amazon** in previous roles

Skills

- HTML5, CSS3
- JavaScript, **TypeScript**
- **React**, Ember
- **Node,** Express, Nest
- Browser Internals, Network Stack
- **Excellent Communication Skills**

- AWS - **Lambda**, EC2**,** CloudFront
- AWS - SES, DynamoDB, S3, SES
- **MongoDB**, **PostgreSQL**
- Web API, REST API, **GraphQL**
- Docker, Kubernetes
- Computer Science Fundamentals

- Apache Kafka, RabbitMQ
- Object Oriented Programming
- Git, Circle-CI, Jenkins, **Jest**
- **System Design,** Code Review,
- Scalable System
- Deployment Techniques

Work Experience

1248 Technologies
Position: Senior Software Engineer   Jun 2020 - Oct 2023

- Achieved a 27% decrease in server expenses by transitioning from a monolithic architecture to deploying numerous microservices, coupled with the integration of automated scaling and efficient traffic management.
- Enhanced the video player's load time within the user feed of our application by implementing a strategy
- that only pre-loads 25% of the content.

Paxcom
Position: Full Stack Web Developer   May 2019 - Apr 2020

- Decreased the load on the backend using a loadbalancer and distributed equal load on 2 separate microservices.
- Minimized extraneous database queries by integrating Redis as a caching layer, resulting in a single definitive database call rather than 6-7.

Block8
Position: Software Engineer   May 2018 - May 2019

- Optimized a Node.js web application's performance by refining database queries, significantly improving runtime efficiency

Projects

- **MyStake:** Enhanced transaction speed by 20% and security of a blockchain-based platform that facilitates real-time share trading in Australia.

- **MyStake:** Executed Stripe payment interface integration within the Node.js back-end system

- **Block8:** Reduced the initial load time of the React website by 20 milliseconds

- **Paxcom**: Reduced the memory usage by 70% of a CPU-demanding task of Excel to HTML transformation in Node.js by architecting a dedicated microservice.

- **Toyota**: Directed the system design as a Team Lead for a top-tier automobile company, Toyota, successfully securing their continued partnership with a $1M USD client retention deal