

Harshit Jain

Technologist with 10+ years in scalable architecture and microservices, specializing in JavaScript/TypeScript, Node.js, and GraphQL. Proven track record in delivering tech-forward solutions that integrate third-party SaaS tools and automation to enhance operational efficiency. Adaptable and collaborative professional with a focus on data-driven problem-solving in distributed systems.

Contact

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[LinkedIn](#)

Education

**Bachelor of Technology (B.Tech)
Computer Science & Engg.
2010 - 2014**

**Kurukshetra University,
Haryana, India**

- CGPA - 7.2/10.0
- 20th Rank in CSE dept
- Merit holder

Skills:

JavaScript, TypeScript, NestJS, MySQL, GraphQL, AWS, Camunda BPMN, MongoDB, Azure, Redis.

Areas of Interest:

Resilient & chaos Engineering, System Design, Design Patterns, Microservices,

Technologies:

RESTful Web Services, Saga design pattern, Docker, Kafka, RabbitMQ, Kubernetes

Certifications:

- Google Cloud Professional Cloud Architect
- Google Cloud Professional Cloud Developer
- Professional Scrum Master (PSM 1)
- ICAgile Certified Professional - Foundations of AI

Awards:

Brightest Mind Award (2019-2023) - Nagarro

Experience

Nagarro Software

Associate Principal Engineer | Nov 2023- present | Pennsylvania, USA

- Architected GraphQL schema design that reduced data over-fetching by 40%, optimizing and securing communication between UI and microservices.
- Orchestrated business logic using GraphQL to abstract downstream communication with Autodesk, MuleSoft, and Mendex systems.
- Integrated with Revit to automate end-to-end processes for construction site design, material planning, and delivery, **reducing project timeline by 30%**
- Implemented GraphQL federation to enable teams to work autonomously while maintaining a unified API schema, **increasing development velocity by 25%**

Senior Staff Engineer | May 2022 - Nov 2023

- Led architectural design of microservices platform using NodeJS and NestJS, improving system scalability and resiliency which led to low downtime and high throughput.
- Rewrote order fulfillment system implementing the Saga pattern for auto-refunds during failures, **reducing customer service tickets by 70% and increasing yearly revenue by 20%**
- Integrated New Relic with microservices to create telemetry dashboards and alerts, **reducing MTTR by 60%**
- Optimized database queries and implemented caching strategies that reduced API response times by 85%

Staff Engineer | April 2021 - April 2022 | Noida, India

- Led development team of 20+ engineers, managing technical architecture for microservices.
- Redesigned critical APIs which **reduced response time from 200ms to 4ms** using Redis caching, Fastify and NestJS.
- Implemented circuit breaker patterns that improved system **resilience during downstream service failures by 90%**

Associate Staff Engineer | April 2019 - March 2021 | Gurugram, India

- Served as telco lead for digital transformation of Middle Eastern telecom operator.
- Orchestrated integration between BSS, network provisioning (Ericsson Mobile Activation), and government systems (SIMATI, ABSHER) using Camunda BPMN.
- Built containerized microservices (OpenShift) delivering completely digital experience for onboarding and self-care.
- Developed RabbitMQ queuing services that processed 1M+ asynchronous operations daily with **99.9% reliability**.
- Acted as Squad lead in agile development, managing requirement gathering, work allocation, and cross-vendor communication.

Senior Software Engineer | October 2017 - March 2019 | Gurugram, India

- Created RESTful APIs on Symfony3 with 40ms average response time, enabling seamless UI integration.
- Analyzed requirements and contributed to technical architecture decisions for new features.
- Oversaw all phases of the software development lifecycle, including concept development, technical design, prototyping, implementation, testing, and deployment.

GoldVIP Technology Solutions Pvt. Ltd (Crown It) (2015 - 2017)

Senior Software Engineer | June 2015 - October 2017 | Gurugram, India

- Rebuilt backend for customer mobile app using Node.js, improving performance by 300%.
- Developed middleware applications in Node.js for asynchronous data-processing, **reducing processing time by 70%**
- Created in-house Communication Manager for targeted marketing across user segments, **increasing campaign effectiveness by 45%**
- Led migration from AWS to Microsoft Azure, improving cloud cost efficiency by 25%

FierceHound Media & Consulting Pvt. Ltd. (2014 - 2015)

Senior Associate Web Development | June 2014 - June 2015 | Gurugram, India

- Developed web applications using PHP MVC frameworks (CakePHP, Yii 2.0).
- Collaborated with stakeholders to analyze and refine functional requirements.

Web Expert Online (2013 - 2014)

Web Developer | December 2013 - June 2014 | New Delhi, India

- Developed web software using PHP, WordPress, and Joomla.
- Created custom WordPress plugins optimizing site performance by 35%.