

# DEVASHISH GUPTA SDE 2

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## 👤 PROFILE

Software Engineer with ~6 years of experience building scalable enterprise and real-time systems. Specialized in backend and distributed architectures, delivering features serving 1M+ daily active users.

## 💼 WORK EXPERIENCE

09/2022 – Present  
Bengaluru, India

**Mobile Premier League, Senior Software Engineer** ↗

- **Built and launched** Points Rummy, CallBreak (Trump/Spades), and WPS game formats, scaling to **50K+ concurrent users**, and serving approximately **1.3M PDAU** across platform.
- Engineered **centralized matchmaking** support by developing reusable **matchmaking and Kafka wrapper libraries**, later adopted across the entire MPL games platform.
- Enabled **zero-downtime deployments** by implementing the capability to seamlessly **shift live traffic** from existing game servers to newly deployed versions without disrupting the user experience.
- Led **large-scale architectural refactoring** in WPS by migrating the **transactional flow** from a third-party Java service to a centralized, **Card Game Service (CGS)** for consistency and control.
- Designed and implemented **tournament format** for WPS, supporting up to **100K+ concurrent participants** with **performance stability** at scale.
- Modernized game server codebase by migrating from core **JavaScript to TypeScript**, introducing **OOP principles, design patterns, unit testing (Jest)**, and **Husky hooks** to enforce code quality and CI standards.

09/2019 – 09/2021  
Hyderabad, India

**EPAM Systems, Software Engineer** ↗

- Contributed as a **full-stack** developer, owning both feature development and operational responsibilities for scalable enterprise web applications.
- Developed various **REST APIs** with Express.JS and MongoDB with Mongoose ODM driver and the angular application with multiple **reusable components**.
- Worked on **angular unit tests** with angular e2e scripts to automate the application test flow.
- Developed the reusable and **dynamic Angular form component** as a library and used that across the application.
- Designed and Developed various REST APIs and introduced **transactions** to achieve consistency in the Kanban system.

02/2019 – 09/2019  
Pune, India

**ZS Associates, Software Engineer** ↗

- Worked on **ETL processes**, and tested end-to-end pipeline workflow with AWS Redshift and RDS.
- Documented **test strategies**/scenarios and executed them to ensure utmost quality delivery.

## 🎓 EDUCATION

2015 – 2019  
Ghaziabad, India

**KIET GROUP OF INSTITUTIONS, BACHELOR OF TECHNOLOGY**

## 💡 TECHNICAL SKILLS

Java • Socket.IO • ExpressJS, Angular, NodeJS stack • Typescript • Distributed Cache, Redis • Postgresql , MongoDB • Distributed Queues (Kafka, SQS, BullJS) • Data structure/ Algorithms • AWS • GCP • Jenkins • Docker • Kubernetes • Kafka • Zookeeper