MANAS SINGH

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EXPERIENCE

Software Development Engineer I (SDE-1)   Jun 2025 – Present
Zupee   *Gurugram, India*

- Boosted revenue by converting **30% of non-paying Ludo users** into paying customers through data-driven campaigns and optimized user journeys.
- Removed an unnecessary connection from the service, diagnosed redundant components, and made services **horizontally scalable**.
- Designed and launched a **deposit-based rewards engine** that incentivized higher player engagement and retention.
- Architected and deployed real-time public/private chat rooms using WebSockets & Redis, ensuring sub-100 ms latency for **1000 of concurrent users**.

Software Developer   May 2024 – Jun 2025
Midas Consulting   *Noida, India*

- Engineered a **multi-tenant SaaS architecture** with isolated databases for each client, improving **scalability** and **data security**.
- Built and deployed cloud infrastructure on **AWS from scratch**, configuring **Elastic Load Balancers** and **Auto Scaling** for high availability.
- Developed a **Python-based web crawler** to automate data extraction and competitor analysis, reducing manual research time by **70%**.
- Optimized **user interfaces** and **data flows**, cutting render overhead and enhancing overall **usability**.

Web Developer   Mar 2021 – April 2022
Webloop Infotech LLP (Intern + Full-time)   *Gurugram, India*

- **Developed and optimized full-stack web applications** using **PHP (Laravel)**, **JavaScript**, and **Hadoop**, improving **data throughput** and **scalability**.
- Delivered **responsive, performance-driven solutions** that enhanced **user experience** and supported **high-traffic workloads**.

SKILLS

Programming Languages	JavaScript, TypeScript, SQL, YAML, C++, Java, Python, React Native
Frameworks & Libraries	Node.js, React.js, Next.js, MERN Stack, Spring Boot
Cloud & DevOps Tools	AWS, Docker, Kubernetes, Jenkins, Devtron, New Relic, Coralogix
Databases & Messaging	MongoDB, Amazon SQS, Aerospike, Kafka, RabbitMQ

EDUCATION

Master of Computer Application, Amity University	2023 – 2025
Bachelor of Computer Application, GGSIPU	2018 – 2021

PROJECTS

Resume Parser — Engineered an automated system for parsing unstructured resumes *(Try it here)*

Boolean Search — Built a fast, recruiter-friendly search engine supporting advanced Boolean queries for efficient talent discovery. *(Try it here)*

Chesspawn — Developed a real-time multiplayer chess platform delivering low-latency gameplay *(Play here)*