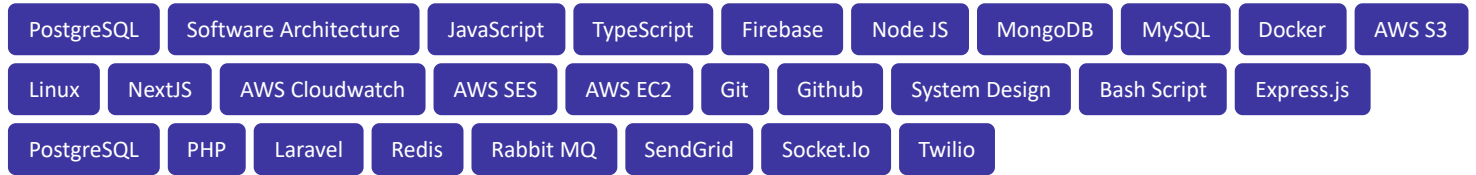


# Ashutosh Mishra

## Software Engineer

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### SKILLS AND EXPERTISE



### WORK EXPERIENCE

**Software Development Engineer 2 (Backend )** Nov '24 - Present  
**Gradright (SundayLabs)** Gurugram, IN

- Aided users with **index databases** to improve speed in retrieving of required data as it decrease latency time by **25%**. Optimized MongoDB queries and implemented Atlas Search, reducing search latency from **2s to 200ms**.
- Implemented secure authentication system supporting 3 providers (JWT, OAuth) with role-based access control, reducing security incidents by **90%** through input validation and data encryption.
- Developed and maintained multiple microservices handling **10,000+** daily requests with **99.9%** uptime, reducing API response time by **40%** through Redis caching and MongoDB query optimization.
- Designed event-driven architecture using RabbitMQ handling **1M+** events monthly with **99.99%** reliability.
- Built scalable notification system handling **50K+** daily notifications across email (AWS SES), WhatsApp, and real-time in-app alerts.
- Designed and deployed a caching mechanism using **Redis**, improving application response times by **40%** and reducing database load by **30%**.
- Tech Stack: Node JS, MongoDB, rabbitMQ, AWS (S3, SES, Cloudwatch, EC2), Redis**

**Software Development Engineer 2 (Backend Developer)** Jun '24 - Sep '24  
**Big Leap Digital Services Pvt. Ltd.** Gurugram, IN

- Successfully integrated third-party **payment gateways, notification services, and OTP providers**, streamlining user transactions and enhancing security.
- Optimized server infrastructure with **Nginx, SSL implementation, and domain management**, improving site load times by **35%** and ensuring **99.9% uptime**.
- Performed root cause analysis via fishbone diagram and identified improvement opportunities to improve efficiency by **25%**
- Tech Stack: Node JS, MongoDB, META API, NGNIX**

**Software Development Engineer 1 (Backend Developer)** Dec '21 - May '24  
**EITBIZ** Delhi, IN

- Developed** backend solutions for 7+ **mobile applications**, focusing on secure **API development, real-time notifications, and data processing**, improving performance by **30%**.
- Generated APIs for Android and iOS mobile apps and applied OAuth2 based authorization to ensure user data security.
- Formed** software and **mobile applications** for 5+ **projects**, enhancing **online reports and dashboards**, resulting in a **25%** increase in user engagement and faster decision-making.
- Created a financial management application using NestJS and MySQL, with procedures for auto- mated VAT calculation based on data entries.
- Developed a social event app with real-time features using Socket.io and Firebase. Integrated real- time notifications for events, significantly improving user experience
- Tech Stack: Node JS, Nest JS, MySQL, PGSQL, Firebase, Socket.IO, MongoDB, META API, NGNIX, Sendgrid**

### EDUCATION

**Bachelor of Computer Application, Jamia Hamdard University** Jul '18 - Dec '21

**Master of Computer Application, Jain University** Mar '22 - Jan '24