

# ABHISHEK SHARMA

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Dedicated Backend Developer with 2 years of experience specializing in Golang, MySQL, and Python. Proven ability in designing databases, solving complex issues, and deploying applications on AWS Ubuntu. Proficient in project management tools such as Jira, Trello, and GitHub. Strong problem-solving skills and a collaborative mindset.

## EXPERIENCE

### Sword Software N Technologies Pvt Ltd, New Delhi, India, NinjaCRM V2 (ICICI Lombard)

**Software Engineer**

*Sep 2022–Present*

- Enhanced application performance by implementing Redis caching, optimizing SQL queries, and restructuring APIs and business logic, resulting in improved response times and system efficiency.
- Developed and managed Golang cron jobs, implemented AWS SQS for messaging and S3 for storage, and monitored the entire application workflow, ensuring accurate tracking and efficient background task processing.
- Configured and deployed on AWS Ubuntu systems, implemented encryption and decryption protocols in collaboration with frontend teams, and redesigned the login method and workflow for enhanced security and user experience.
- Successfully managed the entire application during a 20-day absence of the Product Owner, effectively communicating with business, technical, and infra teams to fix all bugs and address any arising issues, ensuring seamless project continuity and stability.

### Key Logs

**Software Engineer**

*Feb 2023–Present*

- Developed a Golang application to capture system screenshots at regular intervals and record mouse clicks and keyboard inputs, providing detailed insights into user activity for project management tools.
- Implemented a robust system in Golang to monitor user interactions, including mouse clicks and keyboard inputs, and stored the data locally using SQLite3, ensuring efficient data management and analysis for project management purposes.

### Dev Log

- Designed a comprehensive database schema for a project management application, ensuring efficient data storage, retrieval, and management, while maintaining scalability and performance to meet evolving project needs and requirements.

### The Indian System

- Crafted concise and structured prompts to summarize news articles effectively, enhancing user comprehension and engagement.
- Implemented Laravel Nova for frontend reprompting and streamlined content management, enabling efficient editing and creation of news posts to maintain timely and relevant information.

### TR2GH

- Developed a robust script to migrate Trello boards to GitHub boards while preserving the sequence numbers, ensuring seamless transition of project tasks and maintaining organizational structure.
- Implemented rate limit handling mechanisms within the script to manage GitHub API requests effectively, preventing disruptions and ensuring uninterrupted migration of tasks with optimal efficiency.

## EDUCATION

### CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT

*2020-2022*

- Master of Science in Computer Science,
- Bachelor of Science in Computer Science,

*2017-2020*

## ADDITIONAL SKILLS

- Programming Languages:** Golang, Python, PHP(with Laravel)
- Version Control Systems:** Git, GitHub, Bitbucket
- Cloud Services:** AWS SQS, AWS S3
- Database Technologies:** MySQL, SQLITE3, Redis Cache, VectorDB (ChromaDB)
- Web Frameworks/Libraries:** Gin, Echo, Gorm, Beego/orm, Microservices
- Containerization/Deployment:** Docker
- Operating Systems:** Windows, macOS, Ubuntu