Badal Harit
Senior Software Engineer

Experienced Senior Software Engineer with a strong background in database architecture and crisis management. Proven track record in leading complex projects, resolving critical issues, and driving innovation. Adept at utilizing cutting-edge technologies to deliver efficient solutions.

✉ badalharitmrt@gmail.com   📱 9557247101

📍 Noida   in linkedin.com/in/badalharit

🐙 github.com/badalharit

WORK EXPERIENCE

Senior Software Engineer
Excelsoft Technologies Pvt. Ltd. ⬈

06/2018 - Present   *Noida, India*

Excel Soft is an e-learning company that provides innovative technology solutions in the education and training space.

Achievements/Tasks

- Contributed to "OpenPage" which is an end-to-end digital publishing platform that helps to deliver an analytics-driven personalized learning experience. ⬈
- Managed "OpenPage Reporting Portal" which provides reports around `E-Learning` usage, performance, and trends through its dedicated dashboards. ⬈
- Designed the database(Mongo, MySQL & Ms-SQL) architecture and Optimized the Queries to provide the near-time reporting of learning events.
- I've managed AWS infrastructure, including EC2 instances, deployed code via Jenkins, and integrated distributed modules through APIs to ensure seamless communication across servers.
- Successfully led a team to resolve a critical RabbitMQ data loss issue, restoring lost production data and ensuring minimal impact on business operations.
- Streamlined the data replication process using MongoDB Oplog, resulting in a 25% increase in data processing efficiency and improved system reliability.
- Conducted performance tuning and optimization for database systems, leading to a 20% increase in query performance, and Achieved 100% uptime for critical applications by developing and implementing a real-time data-backlog monitoring system.
- Proficient in database management (MongoDB, MySQL), message queue systems (RabbitMQ), and scripting and automation (Python, Bash).
- Experienced in problem-solving and critical thinking, with a strong understanding of the software development lifecycle, agile methodologies, and cloud platforms.

EDUCATION

B.Tech
Dr. APJ Abdul Kalam Technical University

06/2014 - 06/2018   *Meerut, Uttar Pradesh - India*

Courses

- Computer Science and Engineering

SKILLS

Skill	Level
Data Analytics & DB Management	●●●●○
Problem-Solving	●●●●○
Performance Tuning	●●●●○
PHP & Laravel	●●●●○
JavaScript & jQuery	●●●○○
Rabbit MQ	●●●●○
MongoDb	●●●●○
MySQL	●●●●○
Jenkins	●●●○○
V.C.S (Git, HG & SVN)	●●●●○
WAMP/LAMP	●●●●○
AWS EC2 & RDS Instances	●●●●○
Python	●●●○○
React JS	●●●○○

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Coding   RPG Combat Gaming   Crypto Trading