

AKSHAY ASHOK BANGAR

Pune, Maharashtra, India

☎ +91 7218910503

✉ akshaybangar0503@gmail.com

🌐 [LinkedIn](#)

🐙 [GitHub](#)

📁 [Portfolio](#)

🏆 [HackerRank](#)

SUMMARY

Software Developer with nearly 2 years of experience building scalable, robust web applications and backend systems. Proven ability to design and develop end-to-end solutions, ensuring high performance, reliability, and smooth user experiences in production environments.

EDUCATION

Marathwada Mitra Mandal's Institute of Technology, Lohegaon, Pune **August 2019 – July 2023**
B.E. in Computer Engineering **CGPA: 7.48** *Pune, Maharashtra*

WORK EXPERIENCE

- **Software Developer — CloudLead Technologies Pvt Ltd** June 2024 – Present
 - Contributed to the design and development of internal enterprise platforms used for large-scale analysis and system workflows.
 - Built responsive, scalable systems handling large datasets with high accuracy and performance.
 - Designed and implemented automation flows for recurring system and operational tasks, reducing manual intervention and improving consistency.
 - Ensured stability and maintainability through structured development, code reviews, and testing.
 - Collaborated with teams to deliver reliable, user-friendly solutions, interacting with clients and supporting and guiding peers to ensure timely delivery.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, C++
- **Backend & APIs:** Node.js, Express.js, Spring, Spring Boot, REST APIs, API Design, HTTP/HTTPS
- **Frontend:** React.js, HTML5, CSS3
- **Databases & Query Languages:** MongoDB, MySQL, PostgreSQL, SQLite, SQL
- **DevOps & Systems:** Docker, Linux
- **Core Concepts:** Data Structures, Object-Oriented Programming, DBMS, Operating Systems, Multithreading

PROJECTS

- **Mongo Explorer — Large-Scale Data Analytics Platform**
 - Developed a scalable data analytics platform processing datasets from thousands to over 40 million records with high accuracy and stability.
 - Implemented optimized pagination and fast-loading views, reducing initial load times by up to 50% and enabling smooth navigation of large datasets.
 - Built a multithreaded parallel processing system for live counting and aggregation, improving performance by 60% with real-time progress tracking and cancellation.
 - Designed advanced pivot tables with multi-dimensional grouping and merged pivots, ensuring 100% accuracy.
 - Integrated Elasticsearch with Docker as a high-performance search layer alongside MongoDB, reducing complex query and aggregation response times from minutes to seconds using optimized indexing and scalable architecture.

- **Visitor Management System (VMS) - Secure Access Attendance Platform**

- Designed and developed a secure visitor and employee management system to control entry, exit, and daily attendance using structured, rule-driven workflows.
- Implemented QR-based access mechanisms for visitors and employees, ensuring correct state transitions for entry, exit, overtime handling, and invalid scan prevention.
- Applied field-level encryption for sensitive identity and credential data, ensuring data confidentiality while preserving accurate reporting and operational performance.
- Built an automated attendance lifecycle engine to handle daily closures, overtime classification, missed exits, and system-driven record finalization.
- Developed a React-based administrative dashboard with real-time status views, searchable logs, and paginated reports backed by optimized backend services.

CERTIFICATIONS

- Java from Basic to Advanced — Udemy
- Full Stack Java Development — Simplilearn
- SQL from Basic to Advanced — Udemy
- Developer Job Simulation Program — Accenture Nordics
- Skilyst Techtopia Coding Challenge — Foundit

CODING PROFILE

- **HackerRank** : Gold Badge and Five Star Rating in Java