

# AAKASH PATEL

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Location: Ludhiana, Punjab

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## SUMMARY

Self-driven Software Developer with 2 years of hands-on experience in Java Full Stack and MERN stack development. Skilled in designing, developing, and deploying scalable backend systems, building responsive frontend applications, and integrating APIs. Strong understanding of OOP, microservices, database design, and modern JavaScript frameworks. Proficient in building RESTful APIs, implementing business logic, and collaborating in git environments. Eager to contribute to dynamic software teams with clean, maintainable, and efficient code.

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## PROFESSIONAL EXPERIENCE

### Software Developer

Brain Bridge Technical Center LLP – Jabalpur, Madhya Pradesh, India

August 2023 – September 2025

- Developed and maintained scalable RESTful APIs for a logistics management platform using Java, Spring Boot, Microservices, Oracle, reducing response latency by 25% and handling 20k+ requests/day.
  - Designed and implemented **Full Stack modules using MERN stack (MongoDB, Express.js, React.js, Node.js)** for internal tools, including secure CRUD operations and JWT-based authentication.
  - Collaborated with backend teams to integrate Node.js / Express APIs with frontend applications, improving performance and modularity.
  - Utilized Spring Data JPA for ORM and optimized database queries to enhance performance.
  - Collaborated with frontend teams using Swagger for clear API contracts.
  - Integrated JWT-based authentication and role-based access control.
  - Wrote unit and integration tests using JUnit and Mockito to ensure code quality.
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## TECHNICAL SKILLS

- PROGRAMMING LANGUAGES:
    - Java, JavaScript, HTML/CSS, SQL
  - FRAMEWORKS & LIBRARIES:
    - Spring Boot, Spring MVC, MicroServices Architecture, Spring Security, Spring Redis Cache, Hibernate, Spring Data JPA, React.js, Redux, **Node.js, Express.js**, TailwindCSS, TypeScript, Bootstrap
  - TOOLS & TECHNOLOGIES:
    - Git/Github, Maven, Gradle, JUnit, Mockito, REST APIs, Jenkins, AWS Cloud, Docker, Postman, Swagger, Apache Kafka
  - DATABASES:
    - Oracle SQL/PLSQL, MySQL, MongoDB
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## PROJECTS

### LOCKIFY - A PASSWORD MANAGER APPLICATION

Developed a secure and intuitive password management web application allowing users to store, generate, and manage passwords safely. Store and manage all your website passwords in one secure place.

- Technologies Used:** MongoDB, Express.js, React.js, Node.js, TailwindCSS, JWT Authentication
  - Achievements:** Implemented secure password encryption, seamless CRUD operations, and responsive UI for enhanced user experience.
  - Source Code:** [github.com/Aakash475/Lockify](https://github.com/Aakash475/Lockify)
  - Live Preview:** <https://lockifies.vercel.app/>
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### EDUMASTER – E LEARNING PLATFORM

Developed a full-featured web application for online learning, enabling users to browse courses, enroll, track progress, and take quizzes.

- **Technologies Used:** MongoDB, Express.js, React.js, Node.js, Redux, TailwindCSS, JWT Authentication
- **Achievements:** Implemented secure authentication and smooth CRUD operations

## SMART METER DATA MANAGEMENT

Developed a comprehensive system for utility companies to track real-time energy consumption and automate billing processes.

- **Technologies Used:** Java, Spring Boot, Spring MVC, Microservices, REST APIs, Spring Security, Spring Data JPA, Hibernate, Oracle SQL, MySQL, caching with Redis, React.js, Redux, Tailwind CSS, Bootstrap, Jenkins, CI/CD pipelines, Docker containerization, AWS deployment, Apache Kafka, JUnit, Mockito
- **Achievements:** Reduced data processing latency by 30%, handled 50k+ meter readings/day, improved dashboard usability and reporting efficiency

## CRICKET TEAM MANAGEMENT SYSTEM

Built Spring Boot and Microservices platform for cricket teams with user registration associated with teams, currently featuring user registration, gearing up to bring live scores, updates, and more for cricket lovers soon.

- **Technologies Used:** Java, Oracle SQL/PLSQL, Spring Boot, Microservices, Hibernate, REST APIs, Eureka Server, Spring Cloud Gateway, Config Server, Maven.
- **Achievements:** Delivered modular, scalable APIs, enabled efficient team and match management.
- **Source Code:** <https://github.com/Aakash475/CricHubX>

## FITNESS APPLICATION

Developed a microservices-based fitness management platform allows users to register, track workouts, monitor nutrition, and manage fitness goals. And integrated with AI for better enhancements.

- **Technologies Used:** Java, Oracle SQL/PLSQL, Spring Boot, Microservices, Hibernate, REST APIs, Eureka Server, Spring Cloud Gateway, Apache Kafka, Spring Security, Maven.
- **Achievements:** Implemented modular, RESTful architecture, improved scalability and user experience.
- **Source Code:** <https://github.com/Aakash475/FitnessTracker>

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## INTERNSHIPS/TRAININGS

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|--|---------------------|
| • FULL STACK JAVA DEVELOPMENT<br>Naresh i Technology | Dec 2022 – May 2023 |
| • MERN STACK DEVELOPMENT<br>TCIL-IT                  | Aug 2022 – Sep 2022 |
| • WEB DESIGNING<br>Tech Taught                       | Jun 2021 – Aug 2021 |

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## EDUCATION

BACHELOR OF TECHNOLOGY, Computer Science And Engineering (CSE) | 2019 – 2023

The ICFAI University, Himachal Pradesh

CGPA: 8.0

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## PERSONAL DETAILS

Date of Birth: 10 July, 2002

Gender: Male

Marital Status: Single

Father's Name: Sh. Sajjan Kumar Patel

Mother's Name: Smt. Shanti Devi

Permanent Address: Vill. Purwa No. 1 310 Post Office – Godari, District – Rewa (Madhya Pradesh) 486111

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## STRENGTHS

- Problem Solving with Patience | Self-Discipline and Consistency | Fast Learner with Real Application Focus

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## HOBBIES

- Exploring Tech World behind Daily Life | Analyzing Business Models | Mentoring Coding to Others