

 hp85247@gmail.com

 7489346490

 [linkedin.com/in/harshad-patil-0a1b41207](https://linkedin.com/in/harshad-patil-0a1b41207)

 [github.com/Harshad1705](https://github.com/Harshad1705)

HARSHAD LANDE

Software Engineer

## SUMMARY

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Dedicated Software Engineer with extensive experience in developing RESTful APIs, microservices, and full-stack applications using technologies like Spring Boot, Flutter, and Kubernetes. Proven track record of designing scalable, efficient systems and collaborating with cross-functional teams in Agile environments. Skilled in integrating external services, implementing secure authentication, and creating responsive user interfaces across web and mobile platforms.

## KEY SKILLS

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Java 8, Spring Boot, Spring Security, Microservices, Docker, Kubernetes, Data Structures, Azure, Apache Kafka

## WORK EXPERIENCE

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### Associate Software Engineer

Mar '24 - Present

#### Tech Mahindra

- Designed and developed RESTful APIs using Spring Boot, integrating with MySQL for efficient CRUD operations and optimized queries.
- Built and customized frontend screens with the in-house View Builder framework, delivering smooth user experiences for telecom operations.
- Integrated external APIs (payment gateways, SMS, email services) to enable seamless third-party interactions.
- Implemented JWT-based authentication & role-based access control (RBAC) with Spring Security, securing APIs with method-level protection.
- Created asynchronous event-driven modules using Kafka consumers, improving system scalability and reliability.
- Implemented global exception handling, input validation, and logging with Spring AOP & Log4j to ensure robustness and traceability.
- Documented and tested APIs with Swagger & Postman collections, enhancing team collaboration and onboarding.
- Collaborated with cross-functional teams in Agile/Scrum environment, participating in sprint planning, code reviews, and daily stand-ups.

### Full Stack Developer

Aug '23 - Mar '24

#### Desktivo Tech

- Managed and contributed to 3 live applications: Investkrr App, Fish Finder App, and Doctor Appointment Web App.
- Designed and developed responsive, pixel-perfect UI screens using Flutter for cross-platform mobile applications.
- Managed state management using GetX, ensuring efficient and reactive UI updates.
- Integrated Firebase services such as push notifications, authentication, and Firestore database for real-time data sync.
- Collaborated with designers to translate Figma prototypes into fully functional Flutter interfaces.
- Developed and maintained RESTful APIs using Spring Boot, integrating with MongoDB Atlas as the primary database.

### Flutter Developer

Feb '23 - Sep '23

#### Gruby

- Developed and maintained user-friendly and responsive UI screens in Flutter for customer and delivery partner modules in the food delivery app.
- Created dynamic product listing, cart management, and order summary screens with seamless navigation flows.
- Integrated Firebase Authentication and Firebase Cloud Messaging (FCM) for secure logins and push notifications.
- Managed state management using Provider, ensuring efficient and reactive UI updates.

## PROJECTS

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### Microservices Architecture

Jul '24 - Jul '24

- Developed a microservices-based application with two services: Student Service and Address Service. The Student Service interacts with the Address Service to manage and retrieve student addresses. Implemented service discovery using Eureka Server and routing through an API Gateway for efficient communication and scalability.
- Skills :- Java 8, Spring Boot, Spring Security, MySql, Docker, Kubernetes.
- Link :- <https://github.com/Harshad1705/Spring-Boot-Microservices>

### Expense Tracker API

May '24 - May '24

- Developed a RESTful API using spring boot to manage user expenses, featuring secure authentication and CRUD operations. Utilized MySQL for data storage and ensured robust data handling and retrieval.
- Skills :- Java 8, Spring Boot, Spring Security, MySql.
- Link :- <https://github.com/Harshad1705/expense-tracker-api-spring-boot>

### Promptopia

Nov '22 - Dec '22

- Developed Promptopia using Next.js, an interactive platform offering seamless signup and login functionalities. The key features include the ability to create, edit, and delete prompts, providing users with a dynamic and personalized experience.
- Skills :- React.js, Next.js, Tailwind CSS, MongoDB.
- Link :- <https://prompt-project-nextjs.vercel.app>

## MediScanner

Nov '21 - Mar '22

- MediScanner is an innovative open-source mobile app designed to revolutionize the way we interact with medicine. With over 500k downloads on the Play Store, it serves as a comprehensive solution for scanning medicine, capturing images, and providing detailed information. This user-friendly app seamlessly integrates technology into healthcare, enhancing accessibility and knowledge about medications.
- Skills :- Flutter, Dart, Python.
- Link :- <https://play.google.com/store/apps/details?id=com.devappment.mediscanner>

## M&C : Sort the Folder

Aug '21 - Aug '21

- M&C: Sort the Folder is a Python-based utility tool designed to organize cluttered folders systematically. It streamlines file management, ensuring easy access and improved productivity. This project showcases my Python proficiency and practical problemsolving skills.
- Skills :- Python.

## CERTIFICATIONS

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- Microsoft Certified: DevOps Engineer Expert
- Microsoft Certified: Azure Developer Associate
- Udemy: Build Microservices with Spring Boot & Spring Cloud
- Udemy: Learn Java Functional Programming with Lambdas & Streams
- Udemy: Microservices with Java Spring Boot and Spring Cloud

## ACHIEVEMENTS

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- National Level Cricket Player with experience representing Madhya Bharat in TBCFI 2024 at Rameshwaram and TBCFI 2022 at Jammu. Competed in the Roorkee Open National representing Madhya Pradesh.
- Achieving a position within the top 25 ranks in the National-level competition, Bothathon.
- I have achieved the highest ever rank of 4th on GeekForGeeks and successfully solved over 200 coding questions.

## EDUCATION

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### Bachelor of Technology in Computer Science

Aug '19 - May '23

### Acropolis Institute of Technology and Research, Indore

Indore

GPA :- 8.4/10