

# Akash Sakhare

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## PROFILE

M.Tech. in Computer Engineering (Information Security) with an 8-month internship as a Java Developer at Wolters Kluwer. Skilled in Java, front-end and back-end concepts, databases, and problem-solving; seeking entry-level full-stack development and software engineering opportunities.

## EDUCATION

- College of Engineering Pune - COEP Pune, India  
Master of Technology (M.Tech) in Computer Engineering - Information Security  
2021 – 2023
- MSS's College of Engineering and Technology Jalna, India  
Bachelor of Engineering (BE) in Computer Science and Engineering  
2014 – 2018
- Government Polytechnic Jalna Jalna, India  
Diploma in Computer Engineering  
2011 – 2014
- Shree M. S. Jain Vidyalaya Jalna, India  
10<sup>th</sup> - SSC  
2010 – 2011

## SKILLS

**Primary Skills:** Data Structure, Algorithms.

**Programming Skills:** Java, SQL, OOPs, Spring Boot, Also familiar with C, Python.

**Web Development:** JavaScript, Bootstrap, HTML5, CSS3. **Tools:** Eclipse, VS Code, Maven, Git.

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (1Z0-1122-25) – Oct'25 ([link](#)) Expires: Oct'27
- Advanced Diploma in Java Technologies by Profoud Edutech Pvt Ltd – Nov'21 B+ grade
- Cloud Computing by NPTEL – May'23 Silver Elite Certificate

## EXPERIENCE

Wolters Kluwer Pune, India

### Intern - Java Developer

11/22 – 07/23

- Developed and optimized RESTful APIs for JSON Data Validation, ensuring data integrity, accuracy, and compliance.
- Designed and implemented Azure Storage solutions, utilizing Azure Blob Storage for scalable object storage and Azure Queue Storage for asynchronous message processing.
- Integrated Apache Solr JWT Authentication, enhancing secure access control and search query performance.

## PROJECTS

**Distributed differential privacy architecture for privacy preserving blockchain applications** 09/22 – 08/23

- Implemented a Local Differential Privacy (LDP) technique to ensure privacy-preserving data sharing in a decentralized blockchain network.
- Integrated privacy-enhancing mechanisms with smart contracts for secure and tamper-proof transactions.
- Optimized privacy parameters and noise addition using cryptographic techniques to balance data utility and security.

### Book-kart website

- Technologies: JSP, Servlet, MySQL, HTML, CSS.
- Developed a bookstore website for selling and organizing books, implementing JSP and Servlets for dynamic web pages and business logic
- Designed and managed the MySQL database, ensuring efficient book storage, user management, and order tracking.

## An Android App for Health Monitoring System

08/17 – 08/18

- Technologies: Java, XML, Android Studio, Shared Preferences.
- Developed an Android application that predicts diseases based on user-entered symptoms using predefined medical data.
- Implemented Shared Preferences for storing and retrieving user data, ensuring efficient symptom tracking.

## ACHIEVEMENTS

- Achieved champions milestone in Google Cloud Arcade Facilitator Program
- First Prize in Project Competition on Department Level (BE)

Jul'24 – Dec'24

## RESEARCH AND PUBLICATION

- Survey on Data Privacy Preserving Techniques in Blockchain Applications – IEEE Xplore
- Blockchain Based Record Management System in Hospitals – IEEE Xplore

Dec'23

Mar'23