

KM HIRA KAFLE

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JAVA DEVELOPER

Knowledgeable full-stack developer with over 2 years of experience playing key role in developing business-critical enterprise web and mobile applications. Demonstrated expertise in Object-Oriented Development and UI / UX design. Advanced expertise in API development and back-end programming using SQL. Skilled communicator with talent for collaborating with diverse cross-functional teams. Well trained in the development of Java Projects using the latest technologies like Spring, Hibernate and MongoDB.

Web Development, Full Stack Development • Software Implementation • Object-Oriented Design
Unit & Integration Testing • Debugging & Troubleshooting
Data Structures & Algorithms • Design Patterns • Java Programming • Team Collaboration

Languages: Java, PHP

Web: React, Nodejs, HTML, CSS, jQuery, AJAX, JSON, Bootstrap, JavaScript

Web Services: REST

Web and Application Servers: Apache, XAMPP, Nginx, Tomcat

Frameworks: WordPress, React, NodeJs, Expresss, Spring, Hibernate

Databases: MySQL, PostgreSQL, MongoDB

Design Patterns: Singleton, Observer, Strategy, Factory, Bridge, Adaptor

SDLC: Agile, Waterfall, Spiral

Tools: IntelliJ, Eclipse, Atom, Sublime, MS Office, Trello, Maven, StarUML, Postman

Platforms: Windows, Linux, Mac

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

SIRETO TECHNOLOGY PVT. LTD., Sanepa, Nepal • 2018-2020

Web and mobile software development company based in Nepal.

Software Developer: Played key role as full stack developer on web and mobile applications for global clients.

- Developed web and mobile applications.
- Created REST APIs
- Developed web pages from design mockups using HTML, CSS, and JavaScript.
- Performed unit and integration testing.
- Conducted code checks and review; oversaw all aspects of build management.

Technologies Used: ReactJS, Java, Spring, HTML, CSS, JavaScript, JSON, Python, Flask, NodeJS

TRIBHUVAN UNIVERSITY, THAPATHALI ENGINEERING CAMPUS, Kathmandu, Nepal • 2017-2018

Engineering studies campus affiliated with Tribhuvan University, Nepal's oldest and most prestigious university.

Lecturer: Taught Web Services, web development and emerging technologies to 4th-year engineering students. Wrote and delivered lectures; oversaw student projects and consulted with students one-on-one and in small groups.

- Achieved positive reviews in helping students from diverse backgrounds understand challenging subjects.

Technologies Used: Java, PHP, HTML, NodeJS, JavaScript, CSS, Bootstrap, SQL, Git

ACADEMIC PROJECTS

Online Order Tracking System, Maharishi International University • 2021: Developed online order tracking system monitoring all phases of orders from purchase to delivery. Presented project in UML diagram prior to implementation.

- **Technologies Used:** UML, Java8, Git

Library System Analysis, Maharishi International University • 2021: Developed application that tracked book and magazine reservations for library management. Designed and implemented database model using class diagram.

- **Technologies Used:** UML, Java8, Git

Airline Reservation System, Maharishi International University • 2021: Academic group project where we created RESTful apis while following domain driven design principles.

- **Technologies Used:** Hibernate, SpringBoot, MySQL

Online Shopping Applications, Maharishi International University • 2021: Developed a full stack RESTful web application where users can browse and order products while admins can manage the website through admin dashboard.

- **Technologies Used:** React, MongoDB, Redux, Spring

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion October 2023)

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Web Application Programming, Modern Programming Practices, Enterprise Architecture, Fundamentals of Programming Practice

Bachelor of Science in Computer Engineering (2017)

Tribhuvan University, Western Regional Campus, Pokhara, Nepal