

KISAN RAI

Full Stack Software Developer


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 [Website / Kisan-Portfolio](#)

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ABOUT ME

With 1.5 years of hands-on experience in **software development**, I've learned that true growth comes from **embracing challenges** and never settling for less. I'm the kind of developer who **pushes boundaries**—ready to relearn, adapt, and improve with every task. When faced with unfamiliar situations, I take the initiative to find solutions and consistently **deliver on time** with my problem-solving skills to **push above and beyond**.

WORK EXPERIENCE

Junior Python Backend Developer | Fusemachines: Nepal

Sept 2022 – March 2023

- Part of developing web applications using Django and integrating PostgreSQL/MySQL databases.
- Implemented basic authentication with Django's authentication system and optimized database interactions.
- Assisted in managing database migrations and performed query optimizations for faster data retrieval.
- Collaborated with the team in an Agile environment and used Git for version control.

Android Application Developer | EKbana Solutions Pte. Ltd • Internship: Nepal

Jan 2021 – May 2021

- Part of redesigning the UI using XML and Java, improving navigation and increasing user retention by 15%.
- Applied Material Design principles to enhance UI intuitiveness.
- Streamlined Firebase integration, optimizing data queries and reducing load times and debugging with android studio, enhancing overall app performance.

PROJECTS

Book Recommendation | Python AI | Project

- Built a book recommendation system using Python, Django, and machine learning algorithms to analyze user preferences and provide personalized suggestions.

Room Finder | Android Application | Project

- Developed an Android app using Java and XML to guide users through tourist spots in Nepal, promoting local culture, heritage, and businesses, while providing information to domestic and international visitors.

Weather API JavaScript | Project

- Developed a responsive weather app using HTML, CSS, and JavaScript, integrating real-time data from OpenWeatherMap REST API with dynamic updates, error handling, and smooth animations.

EDUCATION

Post Graduate in Full-Stack Software Development

Lambton College Sarnia, Ontario

Sep 2023 - May 2025

Bachelor Honors in Computer Science

Herald College: Nepal | Affiliated with University of Wolverhampton, UK

May 2019 – April 2021

TECHNICAL SKILLS

Languages & Frameworks | Java, Python, JavaScript, C#, HTML, CSS | AndroidStudio, Django, ReactJS, and Bootstrap.

Tools & technologies | MongoDB, PostGreSql, MySql, AWS, GCP, Docker(basic), Git, GitHub, Firebase, RESTful API, TensorFlow, PyTorch, Keras.

Software Development Methodologies | Agile (Scrum) Development, JIRA, and Unit Testing.