

Vivek Khanal

Software Development Engineer

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CAREER OBJECTIVE



My passion lies in developing interactive and user-friendly applications and websites. My ultimate goal is to create seamless user experiences that keep users engaged.

WORK EXPERIENCE (~ 3 YEARS)



❖ Software Development Engineer (SDE - 1)

Amazon | EKO Infomatics Solutions | Bangalore | Aug 2021 – Present

- Designed and developed a feedback analysis platform for overseas clients which got rolled out to 300+ clinics across the United States.
- Worked onsite and offsite with clients like Amazon, Bosch, etc.
- Delivered analytical solutions and other software for the company and clients with high business impact.
- Hosted and managed client meetings to understand requirements and timelines.

❖ Engineering Trainee

CDAC | Mohali | Jan 2021 – Jul 2021

- Developed websites consisting of CRUD operations and MVT / MVC architecture.
- Developed websites using frameworks like Django and React.
- Implemented CI/CD pipeline using Vercel.

SKILLS



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|--------------|-------------|----------------|
| • React JS | • Next JS | • Firebase |
| • Flutter | • Recoil JS | • Git / GitHub |
| • CSS | • HTML | • React Query |
| • JavaScript | • Vercel | • MobX |

PROJECTS



❖ Multi Inventory Management Platform | Amazon

I collaborated closely with the client's team of developers while contributing to a multi-inventory management tool. This solution is utilized by over 60,000 sellers across 13 countries and is an integral part of one of the world's largest e-commerce platforms.

My primary role involved developing UI and optimizing frontend store logic across various components, and I employed MobX for robust state management. This collaborative experience provided insights into large-scale project dynamics and mission-critical tool delivery to a diverse user base.

❖ Customer Feedback Analytics Dashboard | Everside USA

Developed a comprehensive feedback analysis web application leveraging React.js and other frontend technologies, resulting in its adoption by a prominent US-based healthcare organization, utilized across 300+ clinics.

Engineered the integration of machine learning algorithms and dynamic graphs into the dashboard, enhancing data insights. Additionally, optimized performance by implementing Next.js to reduce load times

by 35%.

❖ Stranger Talk Chat App

Developed a cross-platform mobile chatting application using Flutter for the front end and Firebase for the back end, ensuring broad accessibility and scalability. Implemented an automated user selection feature, simplifying the chat initiation process by randomly choosing a user from the database.

Integrated real-time speech-to-text conversion, allowing users to effortlessly transcribe spoken words into text messages for efficient communication. Introduced dynamic messaging controls, initially disabling message sending for the initiator to promote balanced conversations. Message sending is enabled only after receiving a response from the other user.

Achieved real-time data synchronization using Firebase, ensuring that messages and user interactions are seamlessly updated across all devices.

❖ Lat-Long Connect App

Created a standalone mobile app that streamlines user location-based data entry. Implemented a user-friendly interface allowing users to input latitude and longitude coordinates. Developed a feature that checks if a user is already associated with the provided coordinates.

When a matching user is found, their details are displayed; otherwise, a form is opened for data input. Utilized Hive, a Flutter internal database, to efficiently store and manage user data locally.

❖ Institutional News Platform | EKO

Developed a website and custom CMS interface for an institution. Here the admin has the feature to change the content of the website by using the CMS interface. The main website is used to display news and various events organized in or by the institution's admin.

❖ E-Commerce Platform | EKO

Developed e-commerce platforms with custom CMS developed keeping client's demand in mind. Developed an engaging copy of the web app to increase traffic.

EDUCATION



❖ 2017 - 2021

Bachelor of Technology (Electronics and Communication Engineering)

Chandigarh Group of Colleges – Landran, Punjab, India

OTHER ACCOMPLISHMENTS



❖ Online Academic Tutor (Web Development)

IntrnForte | Bangalore | Oct 2022 – Jan 2023

- Recorded and compiled a 10+ hour comprehensive video tutorial on frontend web development. This tutorial was designed to provide students with a strong foundation in web development.
- Hosted weekly doubt sessions with students. During these sessions, students would have the opportunity to ask questions, discuss their projects, and get help with any issues they were experiencing in their learning.