

KARANPREET SINGH

Full Stack Engineer

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EXPERIENCE

Software Development Engineer

Skillz

March 2022 – Present % Vancouver, Canada

- Collaborated within the Developer Platform team at Skillz, contributing to the creation of essential tools facilitating game developers' integration with the Skillz platform.
- Developed impactful React-based web applications, including an internal tool suite and the Developer Console, a management portal for game developers.
- Spearheaded the development of Skillz SDK using React Native, effectively managing and enhancing the experience for 3.7 million monthly active users across various games on the platform.
- Collaborated closely with Fraud analysts, yielding a valuable partnership that led to the implementation of a sophisticated Fraud alerting system. This system efficiently triggers alerts upon detecting potential fraudulent activities across all Skillz games, thereby bolstering the platform's integrity.
- Pioneered the implementation of a novel revenue model that incentivized developers, leading to increased engagement and revenue transparency through the Developer Console.

Software Development Engineer

Expedia

Dec 2019 – Feb 2022 % Gurgaon, India

- Played a pivotal role within the Commerce team at Expedia, focusing on the Android ecosystem powered by Kotlin, Jetpack Compose, and GraphQL.
- Crafted reusable components utilizing a Universal Design Framework, ensuring consistency across multiple brands within the Expedia group.
- Successfully integrated the Hotels.com Android app into the Expedia codebase, effectively halving development time for new features on both applications.
- Navigated a progressive career trajectory from Associate SDE to SDE 2, concurrently leading the Expedia internship program and mentoring three interns who all received full-time offers.

Software Development Engineer

Housing.com

July 2018 – Dec 2019 % Gurgaon, India

- Contributed significantly to the 3DPhy team at Housing.com, a group dedicated to developing visualization products.
- Proficiently utilized technologies like THREE.JS, React, and AngularJS to create immersive 2D and 3D visualization tools for integration with client websites and Housing.com.
- Played an instrumental role in the user interface overhaul of the Housing.com website, leveraging a MERN stack. The revamped website now garners over 10 million monthly visits.
- Acted as a liaison between design and engineering teams, facilitating seamless collaboration and effective implementation of user-centric designs.

SKILLS

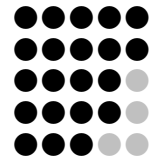
Javascript, Node.js, React

HTML, CSS, SCSS

GraphQL, MongoDB, SQL

Git, Visual Studio

Python, Java, Kotlin (Android)



EDUCATION

Bachelor of Engineering

Thapar University, India

May 2018

% GPA: 8.42

ACHIEVEMENTS

- Judges Choice award in Expedia Hackathon, 2021. Introduced contextual searches in Expedia app.
- First position at Hackathons organised by Thapar University. Created web applications on the hackathon theme.
- Third position in Hackathon organised by Blackrock. Developed a stocks trading card game in Javascript.

PROJECTS

Skillz SDK Theming

- Led the development of a project to allow game developers to customise the Skillz SDK as per their games' theme.
- Responsible for drafting the TDD, finalising the timelines and execution of the project.
- React and Ruby on Rails

Slice View

- Images based engine to show high rise towers
- Ability to view different sections and floors of a building on a web browser
- JavaScript, SVGs and jQuery

Digitour

- Openspace - 360 degree images based solution to see a property.
- FutureSpace - 3D Models based experience to get a virtual tour of a listing.
- AngularJS, NodeJS and THREE.JS

Housing.com website

- Integrated NLP Based search for searching various properties on Housing.com home page
- Achieved 98% accuracy on search results and 15% jump in page use time
- ReactJS