Jasprit Kaur

FULL STACK DEVELOPER,
DESIGNER &
DATA ANALYST

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TECHNICAL SKILLS

MEAN Stack
Angular 13+
NodeJS, ExpressJS
Prototyping
UX Design
Data Analysis
Data Visualisation

PROGRAMMING LANGUAGES

Typescript
JavaScript
RxJS
SQL
NoSQL
Python

TOOLS

Advance Tableau
Adobe XD
VS Code
Figma

CERTIFICATIONS

Advance Tableau Certified
Tableau learning Platform

User Experience Design
Google UX Professional
Certification

EDUCATION

BACHELORS IN COMPUTER ENGINEERING

Ganpat University Jun 2018 - May 2022

- GPA: 8.97 / 10
- Design Leader of Student Placement Committee
- Major Subjects: Databases, Data Structure and Algorithm, OOPs Concepts, Operating System, Compiler Design, Computer Networks, Artificial Intelligence, Data Science and Machine Learning & Theory of Computation

WORK EXPERIENCE

ASSOCIATE SOFTWARE DEVELOPER

DRC Systems Jul 2022 - Present

- Created and tested Angular Library and published to public NPM Packages.
- Developing back-end services, models, and schemas with NodeJs and ExpressJS as middleware.
- Creation and upkeep of MongoDB. Postman is employed to perform API testing.
- Acknowledging that each user's input has been verified before sending it to the back end.

SOFTWARE DEVELOPER INTERN

DRC Systems Jan 2022 - Jul 2022

- Worked closely with software teams and understand the customer and product requirements
- Use GitLab as a Collaborative code repository to host and review code in a collaborative environment.
- Extensive knowledge in developing single-page applications (SPAs) using Angular Framework.
- Integrating the applications with back-end RESTFUL APIs.
- Experience in working with different operating systems like Windows and UNIX.

FREELANCE WEB DESIGNER Apr 2021 - Dec 2021

- Worked with clients like Alphapurple Foods, Hotel Janpath and Amrit Hotel
- Incorporated social media links, maps, and quick contact link to enhance the user experience.
- Dive deep into customer pain points and triangulate inputs (quantitative and qualitative data, client feedback, business and technical constraints, etc.) to inform and iterate design solutions.
- Define, create and iterate detailed user interactions, visual language and design patterns to support the entire brand's portfolio.

LANGUAGES

English	Full professional proficiency
Hindi	Native or bilingual proficiency
Punjabi	Native or bilingual proficiency
Gujarati	Limited proficiency

CAPSTONE PROJECTS

ONLINE RESUME BUILDER

Role: Frontend Developer & Designer
- Determining the structure and design of web pages.
- Strike a balance between functional and aesthetic design.
- Ensured web design is optimized for smartphones.

TEXT TRANSLATION APP

Role: Frontend Developer, UX Researcher
- Developed responsive User interface
- Assessed UX and UI designs for feasibility Collaborated with the backend team for adding new features

DESIGN CASE STUDIES

HEURISTIC EVALUATION OF AMAZON'S WEBSITE

Role: User Testing and Analysis of Website
- Investigated Amazon's website using ten criteria suggested by Jakob Nielsen.
- Learned interaction design and produced a comprehensive analysis of interactions using guidelines.

BILL SPLITTING MOBILE APPLICATION

Role: UX/UI Designer and Researcher
- Conducted preliminary research to learn more about the user and target audience. Interviews and secondary research on the need for bill splitting applications were conducted.
- User journey maps were created to better analyse user behaviour when using the mobile application. To understand the rivals, I created a user flow and a competitive audit.

CONDUCTED EVENTS

CODE CHEF

Conducted a webinar on Efficient Programming to understand the complexity of algorithms.

AHEMADABAD DEVELOPER CLUB

Delivered expert talk on Data Science

DATA ANALYSIS CASE STUDIES

AMAZON'S FREE CASH FLOW

- The ultimate financial measure - Free Cash Flow is an important matrix of amazon.
- Free cash flow to amazon is more than the combined revenue of Snap, Twitter and Pinterest.
- Amazon keeps Profit and FCF artificially low by investing money right back to its business in the form of capital expenses.

ECONOMIC EMPOWERMENT OF WOMEN

- According to the WBL report 2020, there is a decrease in the legal differences between men's and women's access to economic opportunities in 190 countries.
- 8 - economies score 100, meaning women are on equal legal standing with men.
- The economics which belongs to a high-income group makes higher than index scores of 90.
- 10 economies including UAE, Nepal improved the most from 1971 to 2020.

COMMON MENTAL HEALTH DISORDER

- According to NHS Digital, Adult Psychiatric Morbidity survey 2014,
- Women are much more likely to have a common mental illness. 1/10 children aged 5-16 have a diagnosable condition.
- 1/2 and 3/4 of all mental health problems are established by the age of 14 and 24