

Barkat Singh

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Education

University of Toronto

HBSc: Applied Mathematics Major, Information Technology Major

Sep 2019 – Aug 2024

Mississauga, Canada

Relevant coursework: Human-Centered Design, Product & UX/UI Design, Project Management, Web Development

Technical Skills

UX/UI Design: Figma, Adobe CC (Illustrator, XD, After Effects, Photoshop, InDesign), Wireframing, Prototyping, User Research, Responsive Design

Full-Stack Development: JavaScript ES6, TypeScript, Node.js, Express.js, React.js, Next.js, Bootstrap, jQuery, MySQL, HTML/CSS, Git, Firebase, GCP

Experience

Project Lead

UofT Web Dev Club

Oct 2023 – May 2024

Mississauga, Canada

- Directed 2 full-stack projects integrating **Figma** for prototyping and **Adobe XD** for UI design, improving delivery timelines by 30% and saving 50+ team hours.
- Enhanced team productivity by 24% through **agile methodologies** and facilitated cross-functional communication, reducing meeting times by 10%.
- Presented high-fidelity prototypes to stakeholders, increasing project approval rates and aligning designs with business goals.

Web Developer & Designer

Humber College North

Sep 2022 – May 2023

Etobicoke, Canada

- Developed responsive web apps using **HTML/CSS**, **JavaScript**, and **jQuery**, boosting engagement by 18% and reducing user issues by 10%.
- Redesigned UI with **Figma** and **Adobe CC** tools, raising usability scores by 25% and improving navigation efficiency.
- Integrated **Firebase** and **MySQL** for backend data management, cutting operational latency by 14%.

Projects

Hydro Bag & Satch – Product Designer

Mar 2024 – May 2024

- Led user research and competitive analysis, informing design decisions that improved market alignment and user needs.
- Created interactive prototypes with **Figma**, **Adobe Illustrator**, and **InDesign**, reducing design iteration cycles by 20%.
- Presented design concepts to stakeholders, increasing adoption rates by 15%.

Open Design Collaboratory – Creative Director

Jan 2023 – Mar 2024

- Championed inclusive design principles to build a multilingual platform, improving accessibility for a diverse student base.
- Implemented visionary strategies, enhancing project outcomes and achieving a 10% increase in user engagement.

FilmBucket – Project Lead & Fullstack Developer

Feb 2023 – Apr 2023

- Designed UI flows using **Balsamiq** and developed the frontend with **React.js** and **Bootstrap**, improving usability scores by 88%.
- Improved page load performance by 24%, enhancing the overall user experience and retention.

SweetTeeth – Project & Design Lead

Nov 2022 – Jan 2023

- Created comprehensive design briefs with **Adobe XD** and **Figma**, aligning project vision with stakeholder goals.
- Produced digital content (ads, banners) using **Adobe After Effects** and **Photoshop**, boosting online engagement by 20%.