

# Barkat Singh

Software Engineer

Full-Stack Web Developer

UX/UI Designer

Toronto, ON

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Barkatsingh.com



2 years of experience as a Full-Stack Developer with efficient problem-solving skills and coding abilities in a fast-paced environment. Known to possess an acute awareness and detail-filled eye for design. Entrusted with judgment of strategic methodologies and other managerial roles during collaborative projects, owing to display of effective multi-tasking and proactive mindset

## Education

- Bachelor of Science  
*Sept 2019-Present | UofT(Mississauga)*
  - Major in Mathematical Sciences
  - Major in Communication, Culture and Information Technology

## Certifications & Scholarships

- Web-Developer Bootcamp Certificate  
*Udemy*
- Annual International Scholarship  
*Sept 2019-Present | UofT(Mississauga)*
  - Total award sum of \$20,000 CAD
- UX/UI and Java Certificate  
*June 2017-July 2017 | Net Solutions*

## Technical Skills

- Technical Languages
  - Java
  - JavaScript
  - Python
  - MySQL
  - HTML/CSS
- Frameworks and Libraries
  - Bootstrap
  - React.js
  - Node.js
  - Three.js
  - jQuery
  - Express.js
  - EJS
- Developer Tools
  - Adobe Creative Cloud
  - zsh/Bash
  - PyCharm
  - Git + Github
  - Firebase
  - Google Cloud Platform (GCP)
  - npm

## Technical Experience

- Web Design and Development *Sept 2022-May 2023 | Etobicoke, ON, CA*  
*Humber College North*
  - Develop various responsive full-stack web applications using **HTML/CSS + JavaScript, React.js, jQuery, and Bootstrap**
  - Head a team and organised coding sprints, and SCRUMs to keep track of progress and meet strict project deadlines
  - Design & produce UI/UX components and created app wireframes using Adobe XD and Figma
  - Create **RESTful APIs** for web applications to implement CRUD functionality using **Node.js** and **Express.js** and store data in **Firestore/MySQL**. Also used external APIs to obtain datasets and implement features such as geolocation, user authentication, etc
- Junior Software Engineer *May 2021-July 2021 | Chandigarh, UT, IND*  
*AEREN IT Solutions, Jupitice*
  - Worked in a team-based environment and developed UI/UX design briefs into app features using **HTML/CSS + Javascript**
  - Performed bug-fixes, error handling, and code-refactoring
  - Used **Git/GitHub** for version control and progress tracking

## Projects

- Film Bucket - *JavaScript(AJAX), jQuery, HTML/CSS, Node.js, Express.js, Bootstrap*
  - Worked in a team setting to build a responsive full-stack web application, using **HTML/CSS** and **Bootstrap**, inspired by IMDb.com
  - Implemented various **RESTful APIs** to dynamically populate webpages with data using **jQuery** and **JavaScript (AJAX)**
  - Added user-registration, authentication and routing through **Node.js** and **Express.js**
- Butterfly - *JavaScript, HTML/CSS, Google Cloud Platform (GCP), Firebase*
  - Led a team and created an accessible and full-stack responsive small-scale social media web application using **HTML/CSS + JavaScript**.
  - Implemented CRUD functionality using **Firestore** database for user information and chat system. Additionally, used **Firebase** authentication service to incorporate user log-in and sign-up functionality.
- Sweet Teeth - *jQuery, JavaScript, HTML/CSS, Bootstrap, Adobe Creative Cloud*
  - Project lead for building an e-commerce, sketchbook style web application for selling candies from various regions
  - Developed user-friendly and accessible webpages using **JavaScript, HTML/CSS** and **Bootstrap**
  - Implemented local and session storage for storing user cart information
  - Created graphics, banners, icons, adverts, campaign video, and illustrations using Adobe Illustrator, Photoshop, XD and After effects