

ABHAY SHARMA

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HIGHLIGHTS OF QUALIFICATIONS

- Currently enrolled in the Master of Engineering Co-op program in the Department of Engineering Design at McMaster University, eligible for a 4-12 month Co-op starting in September 2023.
- Accumulated three years of experience as an Application Development Analyst in the healthcare sector within the North American market while working at Accenture. Interned as a front-end developer and UX/UI designer for a start-up and a government organization.
- Experience with Design Thinking, UX/UI Design, Application Development, Project Management and Game Design with the help of Unity and knowledge gained through course, lab work, and projects

EDUCATION

Master of Engineering Design - Product Design Co-op

Aug. 2022 – Present

McMaster University

Hamilton, Ontario

Relevant Coursework: Practical Project Management in Today's Business Environment, Design Thinking, Liberatory Design, Prototyping Web and mobile applications using Flutter.

Bachelor of Technology in Information Technology

Aug. 2015 – Jul. 2019

Guru Gobind Singh Indraprastha University

New Delhi, Delhi

Relevant Coursework: Web Technology, Computer Graphics, Software Engineering and Data Structures

SKILLS

- Adaptability, Creativity, Empathy, Leadership, Problem-Solving, Team Work, Customer Service, Time Management
- Adobe Photoshop, Microsoft Office, Adobe Illustrator, Figma, VS Code, Adobe XD, Unity, Android Studio, IntelliJ IDEA
- Design Thinking, Human Centered Design, Liberatory Design, User Research, Systems Design, High Fidelity Prototyping
- C#, Dart, HTML, CSS, JavaScript, Flutter, Java, C++, Python, SQL, Jenkins, Flask, Numpy, Pandas

EXPERIENCE

Application Development Analyst

Aug 2019 – Aug 2022

Accenture Pvt Ltd

Bangalore, Karnataka

- Achieved remarkable project outcomes as an Automation and Functional Quality Engineer for the largest integrated managed care consortium in the United States
- Spearheaded multiple internal projects, resulting in a notable 70% improvement in project release efficiency.
- Recognized as a critical resource within the team for successfully guiding and supporting numerous team members.
- Assumed the role of a single point of contact for the onshore team, ensuring effective communication and collaboration
- Led a three-person team to successful project completion, demonstrating strong leadership and coordination skills.
- Conducted Knowledge Transfer Sessions as a subject matter expert throughout the year, aiding new hires in understanding project requirements and customer needs.

Front End Developer Intern

Jun 2018 – Jul. 2018

Center for Railway Information System (CRIS)

New Delhi, Delhi

- Collaborated with a 6-person team in the design, development, and maintenance of the CRIS website, utilizing HTML, CSS, and JavaScript and assisted the design team in creating website prototypes, ensuring alignment with project requirements and user experience goals

UX/UI Designer Intern

Jul. 2017 – Aug. 2017

VGN ITCraftsmen Pvt Ltd

Noida, Uttar Pradesh

- Designed low-fidelity and high-fidelity prototypes using Android Studio to create an online grocery ordering application for a local client in a design team of 4.

SIGNIFICANT PROJECTS

Enhancing the Spencer Creek Historical Trail using Digital Technologies

January 2023 - Present

- Employed Design Thinking, Liberatory Design, and Human Centred Design approach to collaboratively develop a digital product, leveraging stakeholder interviews and user meetings to gain comprehensive insights and align project goals.
- Demonstrated a strong commitment to user-centricity by closely collaborating with key stakeholders, including the City of Hamilton, the Hamilton Conservancy Authority, and the Rotary Club of Dundas Valley Sunrise, to ensure project alignment and maximize the impact of solutions for enhancing the Spencer Creek Historical Trail experience

Music Genre Classification

Aug 2022 - Dec 2022

- Developed a web application for identifying music genres as a 2 person team for audio genre classification, utilizing machine learning techniques and identifying k-NN as the optimal algorithm with a remarkable accuracy of 67.5%, significantly improving precision in genre categorization for our data.

Portfolio Link:

<https://abhay-2222.github.io/asharma.github.io/>