

AAKANKSHA PHARANDE

Ottawa, ON | (613) 518-5028 | aka.pharande@gmail.com | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

TECHNICAL SKILLS

Software Development

- Languages C#, ASP.NET, Python, JavaScript (jQuery, Bootstrap), HTML/CSS, Terraform
- Databases MySQL
- Tools/Technologies Git, Jira, Azure DevOps, CI/CD
- Testing Frameworks JUnit, MSTest
- Virtualization Tech. Virtual Machine, Docker, Kubernetes

UI/UX Design Tools

Figma, AEM Designer, Adobe Illustrator, Photoshop, Sketch, AutoCAD

Cloud Computing (Azure)

Compute (VMs, ACI, AKS, Function App, Logic App), Storage Account (Blob, Table, Queue), Networking (VNet, Subnet, NSG, VPN, ExpressRoute, Private Endpoints), Database (MySQL, CosmosDB), ARM Templates, Azure AD, RBAC, Firewall, Log Analytics Workspace, Azure Monitor and Cost analysis

Networking

OSI Model, IPv4/IPv6, VLAN, DNS, DHCP, Wireshark, Routers and Switches

Operating Systems

Linux/Unix, Ubuntu, Windows 7/8/10, Mac OSX

WORK EXPERIENCE

Application Developer (Co-op)

January 2024 – Present

Canadian Imperial Bank of Commerce (CIBC), Toronto, Canada

- Implementing advanced filtering functionalities into the form management central repository, leveraging technologies like C#, ASP.NET, JavaScript, and MySQL to optimize systematic information access.
- Collaborating on the development of CIBC's Forms Standards Document to ensure consistency, improve user experience, and maintain cohesive visual identity across all forms.

Lead Teacher

August 2022 – October 2022

Wize Computing Academy, Ottawa, Canada

- Instructed coding and robotics to children aged 7-14 using Python, adhering to a structured curriculum.
- Provided guidance in debugging, troubleshooting, and problem-solving exercises to strengthen students' computational thinking abilities.

UX Designer (Intern)

January 2022 – March 2022

Ashwamedh Engineers & Consultants, Nashik, India

- Collaborated closely with the web development team to refine the user experience of a client's website based on the business requirements and customer pain points, leading to a 20% increase in user engagement and a 15% decrease in bounce rate within the first month of implementation.

Environmental Architect

May 2020 – December 2021

Ashwamedh Engineers & Consultants, Nashik, India

- Took lead on several environmental impact assessment projects providing guidance and assistance to clients in getting environmental permits based on potential risks to the environment.

CERTIFICATIONS

Microsoft Azure AI Fundamentals (AZ-900)

September 2023

Microsoft Azure Fundamentals (AZ-900)

April 2023

EDUCATION

Web Development and Internet Applications

Algonquin College, Ottawa, Canada

CGPA: 3.99/4.0

Dean's Honors List

September 2022 – December 2023

Master of Environmental Architecture (M. Arch)

Dr. Bhanuben Nanavati College of Architecture, Pune, India

July 2018 – April 2020

Bachelor of Architecture (B. Arch)

Dr. Bhanuben Nanavati College of Architecture, Pune, India

July 2013 – April 2018

EXTRA-CURRICULAR / VOLUNTEER EXPERIENCE

Team member

TiE, Ottawa, Canada

November 2023 – Present

- Played an instrumental role in orchestrating the TiE Entrepreneurship Summit, 2023, actively facilitating registration, managing logistics, and overseeing event coordination.
- Managed arrangements for a large-scale event boasting over 1000 attendees, ensuring a seamless experience for participants, and significantly contributing to the summit's resounding success.

Teacher

Sukhdev Primary School, Nashik, India

May 2014 – August 2021

- Spearheaded a team of young volunteers in mentoring and assisting underprivileged children at a local public school.
- Organized weekly art and craft sessions aimed at fostering visual learning and nurturing creativity among the children.

Volunteer

Green Building International Conference and Expo, Mumbai, India

November 2018

- Collaborated with acclaimed architect Sanjay Patil to develop and present a seminar on "Resilience to Climate Change", addressing an audience of over 300 attendees.
- Provided support to attendees by assisting with registration and addressing mobile application issues during the event.

INTERNATIONAL EXPERIENCE

Ontario-India Exchange Student

University of Ottawa, Ottawa, Canada

September 2019 – December 2020

- Successfully navigated a rigorous selection process in India to secure participation in a prestigious four-month student exchange program in Canada.
- Engaged in various workshops beyond the scope of coursework, driven by a personal passion for creativity and continuous learning.

Urban Infrastructure Workshop Participant

ETSAB School of Architecture, Barcelona, Spain

November 2016

- Participated in a comprehensive week-long workshop focusing on "Barcelona, Modern and Contemporary Architecture, and Urbanism".
- Engaged in shadowing sessions with world-renowned Architect Ricardo Bofil to gain insights into the intricacies of his architectural practice.

Numerous Study Tours

- Embarked on multiple study tours across the globe, including visits to Singapore, UAE, Japan, Spain, France, and Canada, organized by my college. These immersive experiences profoundly enriched my architectural understanding on an international scale.