

# AAKANKSHA PHARANDE

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

## TECHNICAL SKILLS

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### Software Development

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

### UI/UX Design Tools

Adobe Illustrator, Figma, 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

## EDUCATION

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### Web Development and Internet Applications

Algonquin College, Ottawa, Canada

**CGPA: 4.0/4.0**

**Dean's Honours List**

September 2022 – Present

### 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

## CERTIFICATION

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### Microsoft Azure Fundamentals (AZ-900)

April 2023

## WORK EXPERIENCE

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### Lead Teacher

Wize Computing Academy, Ottawa, Canada

Taught children (7-14 years) coding and robotics using Python based on an established curriculum. Supported students in debugging, troubleshooting, and problem-solving activities to reinforce their computational thinking skills.

September 2022 – December 2022

### UX Designer (Intern)

Ashwamedh Engineers & Consultants, Nashik, India

Collaborated with a web developer to design a website for a client. Gathered business requirements and researched customer pain points through various feedback methodologies to provide a better user experience for the customer.

January 2022 – March 2022

### Environmental Architect

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.

May 2020 – December 2021

## EXTRA-CURRICULAR / VOLUNTEER EXPERIENCE

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### Teacher (Volunteer)

May 2014 – August 2021

Sukhdev Primary School, Nashik, India

- Led a group of young volunteers to mentor and help underprivileged kids in a public school
- Organized art & craft sessions every weekend for the kids to enhance their visual learning ability and to boost their creativity skills

### Volunteer

November 2018

Green Building International Conference and Expo, Mumbai, India

- Worked alongside a renowned architect, Sanjay Patil, to prepare and deliver a seminar on the topic of “Resilience to Climate Change” in front of over 300 attendees
- Assisted attendees with registration and mobile application issues

### Volunteer

January 2017 – October 2017

NGO Maandand, Nashik, India

- Abetted camps in collection of monetary funds for disaster relief support
- Assisted in everyday aspects of running a non-profit organization leading to growth of the organization

## INTERNATIONAL EXPERIENCE

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### Ontario-India Exchange Student

September 2019 – December 2020

University of Ottawa, Ottawa, Canada

- Went through a rigorous selection process in India to be a part of a four-month student exchange program in Canada
- Participated in a number of workshops outside my coursework, simply to feed my passion for creativity

### Urban Infrastructure Workshop Participant

November 2016

ETSAB School of Architecture, Barcelona, Spain

- Attended a week-long workshop on the subject of “Barcelona, Modern and Contemporary Architecture and Urbanism”
- Shadowed the world-famous Architect Ricardo Bofil to get some insight on the intricacies of his work

### Numerous Study Tours

- Went on quite a few study tours around the globe (Singapore, UAE, Japan, Spain, France and Canada) through my college which immensely enhanced my architectural knowledge on an international level

## RECORD OF GRADES

**Aakanksha Pharande**

Web Development and Internet Applications, 2<sup>nd</sup> year

Algonquin College

Cumulative Grade Point Average: 4.0 / 4.0

Semester	Course Number	Course Name	Letter Grade
<b>1. Fall 2022</b>	CST 8117	Cross-Platform Web Design	A+
	CST 8209	Web Programming I	A+
	CST 8260	Database System and Concepts	A+
	CST 8279	Intro to Comp. Prog. using Python	A+
	MAT 8001	Tech Math for Computer Science	A+
	CST 8300	Achieving Success in Changing Environments	A+
<b>2. Winter 2023</b>	CST 8318	Graphics Technologies	A+
	CST 8253	Web Programming II	A+
	CST 8250	Database Design and Administration	A+
	CST 8254	Network Operating Systems	A+
	DSN 2100	Design Thinking	A+
	ENL 1813	Communications I	A+
<b>3. Summer 2023</b>	CST 8256	Web Programming Languages I	In Progress
	CST 8258	Web Project Management	In Progress
	CST 8257	Web Applications Development	In Progress
	ENL 8720	Technical Comms for Technicians	In Progress
	PSY 1754	Psychology Introduction	In Progress