

# Harsh Pahurkar

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## EDUCATION

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### Seneca College

Advanced Diploma in Computer Programming and Analysis, GPA: 3.6/4.0

Toronto, ON

Jan. 2023 – Dec. 2025

## EXPERIENCE

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### Software/Automation Developer

Ministry of Children, Community and Social Services

Jan. 2024 – Aug. 2024

Toronto, ON

- Developed automation framework using Java Selenium and TestNG, reducing manual testing by 75% across 12 applications
- Engineered CI/CD pipelines in Azure DevOps achieving 95% code coverage, cutting deployment cycles from 2 weeks to 3 days
- Built API testing framework with RestAssured validating 200+ endpoints; refactored 50K+ lines improving speed by 60%
- Skills: Java, Selenium, TestNG, RestAssured, Azure DevOps, CI/CD, Extent Reports, Git, Maven, Agile

### Software Programming Instructor

Code Ninjas Markham

Aug. 2024 – Oct. 2025

Markham, ON

- Designed Unity 3D and robotics curriculum to 50+ students aged 7-17, achieving 98% satisfaction rate
- Developed custom learning modules integrating C#, JavaScript, and Arduino for hands-on projects
- Mentored students in building 30+ game prototypes and 20+ robotics projects
- Skills: Unity 3D, C#, JavaScript, Arduino, Game Design, Curriculum Development, OOP

### Software Developer

Affimintus Technologies

June 2021 – Dec. 2022

Indore, India

- Developed full-stack applications using Spring Boot, React, PostgreSQL serving 10K+ daily users with 99.9% uptime
- Optimized SQL queries improving performance by 80%; implemented MongoDB pipelines processing 500GB+ data
- Built RESTful APIs and microservices handling 1M+ requests/day; automated deployments reducing release time by 65%
- Skills: Java, Spring Boot, React, RESTful APIs, Microservices, Docker, Jenkins, PostgreSQL, MongoDB, Git, CI/CD

## PROJECTS

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### Fragments Microservice | Node.js, AWS, Docker, PostgreSQL

Dec. 2025 – Present

- Built cloud-native REST microservice handling 100+ daily requests with AWS DynamoDB, S3, and Cognito OAuth
- Implemented content conversion supporting 8+ formats; achieved 98% code coverage with 120+ automated tests
- Containerized with Docker and deployed on AWS ECS; automated CI/CD pipeline using GitHub Actions
- Skills: Node.js, Express.js, AWS (S3, DynamoDB, Cognito, ECS), Docker, Jest, Hurl, GitHub Actions, RESTful APIs, Git

### Housify - AI Real Estate Platform | TensorFlow, Solidity, Hardhat, React, Vercel

Mar. 2024 – Present

- Developed ML property valuation model using TensorFlow achieving 94% accuracy on 1K+ Toronto listings
- Built Ethereum smart contracts using Solidity and Hardhat; deployed full-stack app on Vercel with React frontend
- Implemented Web3.js integration for cryptocurrency payments and NFT-based property ownership transfers
- Skills: Solidity, Ethereum, Hardhat, React, Web3.js, TensorFlow, Vercel, Blockchain, Smart Contracts

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, TypeScript, C/C++, SQL, Go, Solidity, HTML/CSS

**Frameworks & Libraries:** React, Node.js, Flask, Spring Boot, Express.js, TensorFlow, PyTorch, Django, Next.js

**Tools & Cloud:** Git, Docker, Kubernetes, Jenkins, AWS, Azure DevOps, Selenium, Jest, JUnit, Postman, CI/CD

**Databases:** PostgreSQL, MongoDB, MySQL, Redis, DynamoDB, Vector Databases (Pinecone, Weaviate)