

# Ishan “Shawn” Phadte

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## EDUCATION

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**University of Ottawa** Honours BSc. **Computer Science** (3rd Year, GPA: 3.5/4) Sep 2021 - Dec 2024

## SKILLS

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Certifications	<b>AWS Certified Cloud Practitioner</b>
Programming Languages	HTML5, CSS, Javascript, Python, Java, SQL
Web Development	React, Node.js, Express.js, Next.js, MongoDB, Tailwind
AWS	AWS Lambda, S3, EC2, Lex, Cloudwatch, DynamoDB
Other Technologies	Docker, Github, Jenkins, Terraform
Spoken Languages	<b>English, French</b>

## WORK EXPERIENCE

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**Quality Assurance Intern** | *PickPack* *September 2023 - Present*

- Created and documented more than 200 comprehensive test cases using Selenium, covering a diverse set of scenarios across over 10 different websites.
- Implemented a test suite to ensure compatibility across five popular web browsers and multiple languages, enhancing the product's global usability.
- Utilized AWS Lambda for continuous testing and delivery, optimizing the release process for enhanced efficiency.
- Successfully achieved a 30% reduction in AWS operational costs by implementing memory management improvements, resulting in significant cost savings for the organization.

**Freelance Web Developer** | *React, AWS Lex, DynamoDB, Cloudwatch*

- Designed and developed a comprehensive e-commerce website, leveraging modern technologies resulting in an increase in small business following and support.
- Developed an Amazon Lex-powered chatbot for efficient customer support, effectively managing customer orders and inquiries, streamlining communication, and enhancing the overall user experience
- Implemented API-based email system, enabling communication with users by sending emails to those who provide their email addresses
- Leveraged DynamoDB to efficiently store customer orders, implementing a seamless order tracking system. Integrated AWS Lambda to automate the process of sending orders created in the chatbot to DynamoDB, ensuring accurate and timely data management

## PROJECTS

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**CI/CD Pipeline for Personal Website** | *React, TailwindCSS, Rest-API, Next.js, Jenkins*

- Developed a personal website showcasing web development expertise, featuring responsive and visually appealing TailwindCSS for autoscaling and grid layouts.
- Implemented a Jenkins CI/CD Pipeline to automate the deployment process of my personal website, ensuring continuous integration and delivery of updates.

**AWS Lambda Github Security Application** | *Lambda, Cloudwatch, DynamoDB, SNS, Linux*

- Employed a suite of AWS Services to bolster the security of my GitHub account
- Orchestrated the collaboration between AWS Lambda and GitHub's REST API, allowing for seamless comparison of repository details with data stored in DynamoDB with updates being sent via Amazon SNS