Ishan "Shawn" Phadte

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EDUCATION

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

SKILLS

Certifications	**AWS Certified Cloud Practitioner**
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	**English, French**

WORK EXPERIENCE

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
- Successfully ensured seamless accessibility and optimal performance for users by flawlessly deploying the project on Vercel for website hosting

PROJECTS

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

- Created a personal website to showcase my web development expertise.
- Designed responsive and visually appealing CSS using 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, reinforcing its integrity through advanced cloud-based measures
- Orchestrated the collaboration between AWS Lambda and GitHub's REST API, allowing for seamless comparison of repository details with data stored in DynamoDB
- Enhanced user engagement by implementing an efficient SNS notification system, ensuring that timely updates are delivered to my email address

Terraform Cloud Provisioning Project | *AWS, Terraform, EC2, VPC, EBS, IAM*

- Designed and deployed an AWS Virtual Private Cloud (VPC), including subnets and security groups, using Terraform to ensure a secure and scalable foundation
- Implemented AWS Security Groups to control inbound access, strengthening the infrastructure's security. Set up EBS volumes for efficient storage management