HARIT KAPADIA

Hi! I'm a full stack web developer experienced in technical design, end-to-end development, and serverless deployment. My personal projects explore embedded languages, graphics programming, and C++ applications.

RELEVANT EXPERIENCE

Developer This NFT Does Not Exist | HackTheNorth 2022

Website: *thisnftdoesnotexist.tech*

- Used TensorFlow to create Generative Adversarial Network (GAN) that generates images that look like NFTs.
- Collected 25,000 images and trained on 10,000 relevant 64x64 images.
- Trained over 700 generations using 2 convolution layers for both the discriminator and generator.
- Deployed Flask app using Waitress and Nginx on AWS EC2.
- Worked in team of four.

Product Engineer at Versett 2021 – 2022

Company site: *versett.com*

- Advised on technical design discussions for scope and difficulty for current and upcoming Versett-led projects.
- Launched a fast and easy way to sign up for insurance in the Caribbean at *almi.bb*.
  - Implemented end-to-end features using Typescript, MongoDB, Azure Functions, and Azure Service Bus.
  - Created React components using semantic HTML and CSS modules.
  - Designed regression tests and unit tests for the Almi frontend and backend using Puppeteer and the Jest testing framework.
  - Onboarded and mentored new members of the Almi project.
- Developed an in-house careers and recruiting system for Versett.
  - Developed a configurable job application posting and distribution system using AWS Lambda, Google Cloud, and Prismic CMS.
  - Modernised company website infrastructure by correcting Node subpackag e configuration, migrating Node versions, documenting codebase, and introducing JS A11y linting.
  - Advanced state of project DevOps by creating releases, managing branches, and contributing to DevOps discussions.
  - Integrated CMS with Gatsby to statically generate job postings.
  - Used Sass CSS with Block, Element, Module (BEM) methodology.

Creator of I Spy Notify (Open-source Software) 2022

GitHub repository: *github.com/haritkapadia/i-spy-notify*

- Watch Linux desktop notifications and run scripts for each notification.
- Built with Meson. Developed with GTK+ and the D-Bus library.
- Implemented the FreeDesktop Notifications server standard.
- Made user configuration easy by creating documentation, tutorials, and manual pages.

CONTACT ME

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- Email: *haritkapadia@outlook.com*
- GitHub: *github.com/haritkapadia*
- Phone: *+1 647 677 4887*

LANGUAGES

Bash, C, C++, CSS, Clojure, Common Lisp, GraphQL, HTML, Java, JavaScript + TypeScript, Lua, PHP, Python, SQL.

LIBRARIES

Django, FFmpeg, GTK+, JavaFX, MatPlotLib, Mongoose, NetworkX, NumPy, Pandas, Qt, React, React Native, SDL2, SQLAlchemy.

TOOLS

AWS, Azure, CMake, Docker, Git, Gradle, Jest, Meson, NPM, Ninja, Postman, Puppeteer, Selenium, Yarn.

EDUCATION

Pursuing two degrees (2020 - 2025):

- Bachelor of Computer Science from University of Waterloo.
- Bachelor of Business Administration from Wilfrid-Laurier University.

CERTIFICATIONS

CISCO Academy Networking 2020

- Studied TCP/IP networking.
- Observed impact of hardware choices on networks.

FIT Software Design and Development 2020

- Studied software design principles.
- Connected open-source libraries to develop software.