

HARIT KAPADIA

🌐 Web: haritkapadia.github.io

✉ Email: haritkapadia@outlook.com

🐙 GitHub: github.com/haritkapadia

📞 Phone: [+1 647 677 4887](tel:+16476774887)

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

LIBRARIES: Django, FFmpeg, GTK+, JavaFX, Matplotlib, NetworkX, NumPy, Pandas, Qt, React, React Native, SDL2, SQLAlchemy.

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

WORK EXPERIENCE

Product Engineer at Versett. 🌐 Company site: versett.com

2021 – 2022

- 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 full-stack regression and unit tests 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.
 - Created configurable job posting and distribution system using AWS Lambda, Google Cloud, and Prismic CMS.
 - Modernised company website infrastructure by correcting Node subpackage configuration, migrating Node versions, documenting codebase, and introducing JS A11y linting.
 - Advanced state of project DevOps by creating releases and contributing to DevOps discussions.
 - Integrated CMS with Gatsby to statically generate job postings.

Full Stack Developer at DivorceAide.

2020

- Developed user-friendly Ontario Court form completion single page application.
- Constructed 300 form inputs by creating extensible form interface using React, Node.js, JSON, and SCSS.
- Mentored team about the NPM build system, website hosting, HTTPS authentication, and the Linux environment.
- Standardized deployment by containerizing using Docker Compose.

PROJECTS

Machine Learning Developer of This NFT Does Not Exist | HackTheNorth. 🌐 Website: thisnftdoesnotexist.tech

2022

- 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.

C Developer of I Spy Notify (Open-source Software). 🌐 GitHub repository: github.com/haritkapadia/i-spy-notify

2022

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

Mobile Developer of RNJogger | HackThe6ix. 🌐 GitHub repository: github.com/haritkapadia/random-running-app

2020

- Prototyped a mobile app that prepares random jogging routes based on user location and desired distance using React Native and OpenStreetMap.
- Visualised generated route using a native map interface with MapBox.
- Improved user engagement by building a distance leaderboard for friend groups.

Java Developer at 36 Days Game. 🌐 GitHub repository: github.com/haritkapadia/36daysgame

2019

- Made an open-world top-down survival game using JavaFX.
- Features procedurally generated worlds using J3D Texture, levels, in-game survival guide, health, hunger, a day/night cycle, and environmental threats.
- Enjoyed by 30 individual players.
- Enabled cross-platform JAR packaging for Linux, MacOS, and Windows using Gradle.

EDUCATION

2020 - 2025: B. Computer Science at University of Waterloo and B. Business Administration at Wilfrid-Laurier University.