HUSEYN AKHUNDOV

– huseyn-akh.com –

Toronto, ON   ☎ 647-809-5268   ✉ huseyn.akh@gmail.com   in linkedin.com/in/huseyn-akh   ⌗ github.com/HuseynAkh

PROJECTS

Investment Portfolio | *JavaScript, React.js, Node.js, CSS, Git*
- Developed a Javascript + React investment tracker
- Integrated TwelveData and CoinGecko APIs for financial data
- Effectively employed prop-drilling and state management through hooks
- Improved efficiency and readability by standardizing functional components

Encrypted Messenger | *Python, PyCryptodome, bcrypt, Git*
- Implemented a 8192-bit MODP Group Diffie-Helmman Key Exchange (RFC 3526)
- Ensured message integrity through appending HMAC to all messages
- Created a root Certificate Authority to validate authenticity through digital certificates
- Protected server-side user credentials through bcrypt hashing

Diet Planner | *Java, Edamam API, Swing, Git*
- Developed a Java based meal planner to help meet nutritional goals
- Implemented an API search with access to over 3 million recipes and food items
- Built a comprehensive Java Swing GUI to display nutritional information and selected meals

Huseyn-akh.com | *TypeScript, React.js, SCSS*
- Created a personal website showcasing projects, technical skills, and resume
- Designed a mobile compatible user interface
- Upgraded to TypeScript for type-safety and improved error checking

Self-Hosted | *Ubuntu Server, MariaDB, Apache VirutalHost, Nextcloud*
- Set up a personal home server with task management, calendar, and file storage capabilities
- Created a database for Nextcloud and configured Apache web server
- Acquired a Let's Encrypt TLS certificate for the server domain

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C, Python, Java, Solidity, SQL, HTML, CSS, Bash
Frameworks: React, Node.js, JUnit
Developer Tools: Linux[Debian, Fedora, Ubuntu, Kali], JetBrains IDEs, MySQL, MariaDB, Git, Figma, Remix
Hardware: RISC-V, Arduino, Verilog

EDUCATION

Lassonde School of Engineering : York University   Toronto, ON
Honours Bachelor of Science, Computer Science   *Dec 2023*

Schulich School of Business, Osgoode Hall Law School, Lassonde School of Engineering
Bergeron Entrepreneurs in Science & Technology program (BEST)

CERTIFICATIONS

- React Web Development: *Moralis Academy (2022)*
- Ethereum Smart Contract Programming: *Moralis Academy (2022)*
- Linux Command Line Mastery: *Internet of Things Academy, Udemy (2022)*