

Iman Anooshehpour

imananoosheh@gmail.com | GitHub | LinkedIn | Portfolio

Professional Experience

- **Software Engineer** HCL Technologies, Vancouver, BC
Aug 2021 - Aug 2023
 - Orchestrated the successful migration of on-site data systems to a scalable cloud ecosystem.
 - Architected a robust cloud ecosystem using Google Cloud technologies.
 - Executed end-to-end pipeline testing, validating data integrity and reliability.
- **Software Tester Co-op** Nokia, Ottawa, ON
Jan 2021 - Apr 2021
 - Conducted comprehensive testing using automated and manual methods.
 - Developed automated test scripts in Python for cross-database record validation.
 - Tested REST APIs using Postman.

Technical Skills

- Programming Languages: JavaScript (Expert), Python (Proficient)
- Frontend Technologies: React, Vite, htmx.org, tailwindcss, Cypress, Puppeteer, Vue, XState, UUID, SendGrid, Zod, Bootstrap, HTML, SASS, CSS3, DOM, Unity
- Backend Technologies: Node.js, Express, dotenv, nodemon, JWT, CORS, Django, crypto-js, tRPC, Apache Web Server, NginX
- Database Management: MySQL (Advanced), Neo4j (Advanced), PostgreSQL, GraphQL, Cloud SQL, BigQuery
- DevOps and Cloud Technologies: Docker, Kubernetes, Ansible, Jenkins, AWS
- Operating Systems: Proficient in Unix/Linux (Ubuntu, CentOS, Debian), Windows
- GitHub Tools: Git, GitHub Actions, GitHub Pages, etc.

Education

- **Master of Applied Computing** University of Windsor, Windsor, ON
Jan 2020 - Apr 2021
- **Bachelor of Computer Engineering - Hardware** IAU, Tehran, Iran
Aug 2013 - Jun 2019

Personal Projects

- **GitHub Contribution Calendar Widget** GitHub Link
 - Developed a scalable Express.js backend with GraphQL integration for efficient GitHub data retrieval, showcasing advanced API interaction skills.
 - Created a dynamic, customizable front-end GitHub Contribution Calendar script, enhancing user engagement with interactive and visually appealing design.
 - Authored comprehensive widget documentation, simplifying integration and customization, and demonstrating a strong user-centric approach in full-stack development.

- **Conway's Game of Life** GitHub Link
 - Developed a well-structured codebase using React components and hooks for readability and maintainability.
 - Utilized the Immer library for efficient handling of immutability in state updates.
 - Innovatively implemented a feature allowing users to add custom patterns, enhancing interactivity.
 - Designed a responsive and user-friendly interface.
- **SysAlert - Intelligent System Monitoring and Notification** GitHub Link
 - Developed a Python script for real-time hardware monitoring using psutil.
 - Implemented dynamic resource averaging for more accurate system resource usage representation.
 - Integrated the ntfy API for customizable notifications, ensuring users stay informed about system health.
 - Automated dependency management for a hassle-free setup process.

Certificates

- Google Cloud Certified Professional Data Engineer - Certificate
- Google Cloud Certified Professional Cloud Architect - Certificate