**IMAN ANOOSHEHPOUR**

[imananoosheh@gmail.com](mailto:imananoosheh@gmail.com) ⏺ [GitHub Profile](https://github.com/imananoosheh) ⏺ [LinkedIn Profile](https://www.linkedin.com/in/imananoosheh/)

[Portfolio](https://anoosheh.info) ⏺ Vancouver, Canada

### **CAREER SUMMARY**

Highly skilled Software Engineer with a proven track record of success in cloud migration, system architecture, and testing. Experienced in designing robust ecosystems using cutting-edge technologies, ensuring seamless transitions and optimal data integrity. Adept at leveraging a diverse technical skill set to drive innovative solutions and contribute to project success.

### **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, minimizing disruption and ensuring a seamless transition.
* Architected a robust cloud ecosystem using Google Cloud technologies, including Storage, BigQuery, Bigtable, PySpark, Dataflow, and Cloud Function.
* Executed end-to-end pipeline testing, validating data integrity and reliability during transitions and in the cloud environment, utilizing comprehensive data subsets assertion techniques.

**Software Tester Co-op | Nokia, Ottawa, ON | Jan 2021 - Apr 2021**

* Conducted comprehensive testing (unit, regression, and sanity) using both automated and manual methods.
* Developed automated test scripts in Python to validate records across various databases.
* Tested REST APIs using Postman, adhering to software documentation.
* Validated records within databases using Neo4j and HeidiSQL.

### **TECHNICAL SKILLS**

**Programming Languages:** JavaScript (proficient), Python (proficient)  
**Node.js Stack:** React, Express, Vite, JWT, dotenv, Cypress, Puppeteer, Vue, XState, nodemon, UUID, Axios, SendGrid, crypto-js, tRPC, CORS, Zod  
**Web Frameworks & Technologies:** Django, NginX, Apache Web Server, Markdown, Bootstrap, HTML5, SASS, CSS3, DOM, Unity  
**Databases:** MySQL, PostgreSQL, Neo4j, Cloud SQL, BigQuery  
**DevOps Tools:** Docker, Kubernetes, Ansible, Jenkins  
**Operating Systems:** Debian, CentOS, Ubuntu, Mint, Kali, Windows, macOS

### **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** Demos are available @ [anoosheh.info](https://anoosheh.info/)

1. **Conway’s Game of Life**
   * [GitHub Link](https://github.com/imananoosheh/conways-game-of-life-typescript-react)
   * 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.
2. **Wordle Replica Project**
   * [GitHub Link](https://github.com/imananoosheh/wordle-replica-project)
   * Implemented dynamic word selection based on the date, adding an innovative element to the game.
   * Modularized code for improved readability and maintainability.
   * Enhanced event handling for mouse clicks and keyboard events, improving user interaction.
   * Robust error handling for a smooth and error-free user experience.
3. **SysAlert - Intelligent System Monitoring and Notification**
   * [GitHub Link](https://github.com/imananoosheh/SysAlert---Intelligent-System-Monitoring-and-Notification)
   * 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.

### **VOLUNTEER EXPERIENCE**

**National Director of Incoming Exchange Program | AIESEC, Tehran, Iran | Jun 2016 - Jul 2017**

* Led a team of 5 local branch VPs to deliver the best internship experience to international volunteers.
* Achieved 100% annual growth in the Incoming Global Volunteer program.

**Global Community Development Program Intern | Grace NGO and AIESEC, Bangalore, India | Aug 2014**

* Volunteered as an English teacher and support worker for orphan children.

### **CERTIFICATES**

1. **Google Cloud Certified Associate Cloud Engineer**
   * [Certificate Link](https://www.credential.net/b178a55a-63ab-4435-a225-cddf35930bea) (Expires: 15-Dec-2023)
2. **Google Cloud Certified Professional Data Engineer**
   * [Certificate Link](https://www.credential.net/bb1a6139-2920-446d-a6c0-f9cc8bdc3a4b?key=34ae8df3ea2820c51747c0136b5f1162432a6f469ccb150fab4daf767bae48fa) (Expires: 14-Mar-2024)
3. **Google Cloud Certified Professional Cloud Architect**
   * [Certificate Link](https://www.credential.net/a60b0058-390b-401e-a86d-cb743226c811) (Expires: 16-Mar-2025)