IMAN ANOOSHEHPOUR

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WORK EXPERIENCE

Software Engineer | Aug 2021 - Aug 2023
HCL Technologies, Vancouver, British Columbia
- Successfully migrated on-site data systems to the cloud ecosystem, ensuring a seamless transition and minimal disruption.
- Designed and architected a robust and scalable ecosystem in the cloud, incorporating technologies such as Google Cloud Storage, BigQuery, Bigtable, PySpark, Dataflow, and Cloud Function.
- Conducted thorough end-to-end pipeline testing, validating data integrity and reliability during the transition phase as well as in the cloud environment, employing comprehensive data subsets assertion techniques.

Software Tester Co-op | Jan 2021 - Apr 2021
Nokia, Ottawa, Ontario
- Performed testing (such as unit, regression, and sanity) using both automated and manual testing methods.
- Wrote automated test scripts to validate records in different databases using Python.
- Tested the REST API using Postman based on software documentation.
- Validate records inside databases using Neo4j and HeidiSQL

TECHNICAL SKILLS

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

EDUCATION

Master of Applied Computing | Jan 2020 – Apr 2021
University of Windsor, Windsor, Ontario, Canada
Bachelor of Computer Engineering - Hardware | Aug 2013 – Jun 2019
IAU, Tehran, Iran

PERSONAL PROJECTS
Demos are available @ anoosheh.info

Conway's Game of Life (https://github.com/imananoosheh/conways-game-of-life-typescript-react)
- **Structured and Readable Codebase:** Developed a well-structured codebase using React components and hooks, ensuring readability and maintainability.
- **Efficient Immutability Handling:** Utilized the Immer library to efficiently handle immutability in state updates, enhancing code clarity and performance.
- **Implemented Custom Patterns:** Innovatively implemented a feature allowing users to add custom patterns, such as the "blinker," enhancing the interactive nature of the application.

- **Responsive User Interface:** Designed a responsive and user-friendly interface, enabling users to start/stop simulations, add random cells, and clear the grid effortlessly, while also introducing a click-to-toggle cell functionality for improved interactivity.

Wordle Replica Project (https://github.com/imananoosheh/wordle-replica-project)
- **Dynamic Word Selection**: The dynamic selection of the target word based on the date adds an innovative and engaging element to the game, making it unique and appealing to users.
- **Modular Code**: Breaking down the code into reusable functions promotes code readability and maintainability, making it easier for future updates and collaboration with other developers.
- **Event Handling**: Effective event handling for both mouse clicks and keyboard events enhances user interaction, making the game accessible and enjoyable for a wider audience.
- **Error Handling**: Robust error handling for scenarios like insufficient letters, non-dictionary words, and winning/losing conditions ensures a smooth and error-free user experience, improving the overall quality of the game.

Spotify Clone with Lyric (https://github.com/imananoosheh/spotify-replica-with-lyric)
- Employed a Node.js Wrapper to communicate with Spotify API.
- Used Spotify's web playback and lyric-finder API from npm package.
- Wrote a server using express.js while using nodemon to boost development.

Audio Book Reader (https://github.com/imananoosheh/audio_book_reader_replica)
- Developed a mini web app which captures text using a camera.
- Used OCR technology by employing Tesseract.js
- Implemented utterance ability using Web Speech API

VOLUNTEER EXPERIENCE

National Director of Incoming Exchange Program | Jun 2016 - Jul 2017
AIESEC, Tehran, Iran
- Directed and Led team of 5 local branch VPs to deliver best internship experience to international volunteers as well as enabling leadership and ensuring quality experience in organization members.
- Achieved 100% annual growth in Incoming Global Volunteer program

Global Community Development Program Intern | Aug 2014
Grace NGO and AIESEC, Bangalore, India
- Volunteered as an English teacher, and support worker for orphan children

CERTIFICATES

- **Google Cloud Certified Associate Cloud Engineer** (LINK) (Expires: 15-Dec-2023)
- **Google Cloud Certified Professional Data Engineer** (LINK) (Expires: 14-Mar-2024)
- **Google Cloud Certified Professional Cloud Architect** (LINK) (Expires: 16-Mar-2025)

Reference is available upon request.