Payam Yektamaram

payamyek@gmail.com | (647)-867-5038 | Canada

 linkedin.com/in/payamyek   github.com/payamyek   payamyek.com

EXPERIENCES

Municipal Property Assessment Corporation (Commercial Division)   Pickering, Ontario
Full-stack Developer (I.T Manager)   *August 2023 to Present*

- Contributed to the development of a robust suite of frontend and backend applications, known as Insight, that secured the city of Winnipeg as a client on a 10-year multi-million dollar contract
- Assisted the creation of a local development environment that used Docker to serve all of our services in a matter of minutes, which saved the company thousands of minutes in local environment setup time for each new employee
- Updated Python and Java backend services to replace the authentication/authorization workflows with Keycloak as our security server to enable single-sign-on, fine-grained security controls, and Role-based access control
- Created GitHub actions and workflows that allows for seamless deployments of our backend applications to AWS Fargate and frontend applications to S3
- Rebuilt Dockerfiles by condiguring non-root users act as the active user, docker instructions listed in the order that best takes advantage of layer caching, and using the smallest base images possible to minimize AWS ECR costs

Municipal Property Assessment Corporation   Pickering, Ontario
Systems Developer   *September 2022 to August 2023*

- Project lead for cross-platform desktop application powered by Electron.js and React.js that enabled field workers to complete their tasks and assignments in poor internet environments
- Designed system process for the batch pre-caching of API calls using Workbox's service worker modules to allow for the offline retrieval and access of API data
- Utilized modern web development tools and techniques such as Redux, Webpack, and CSS preprocessors to optimize the performance and maintainability of code

Municipal Property Assessment Corporation   Pickering, Ontario
Junior Systems Developer   *January 2020 to December 2020*

- Lead developer of a crucial Python asynchronous web server that acted as a CRUD REST API for AWS DocumentDB which centralized business data for dozens of internal systems
- Lead designer of frontend interface built with React.js and Bootstrap that enabled internal employees to make efficient and quick updates to business domain knowledge
- Implemented authorization and authentication workflows for frontend and backend interfaces with signed JavaScript Web Tokens to safeguard systems from unprivileged accesses
- Implemented CI/CD pipelines for Docker-based applications which streamlined the deployment process to Kubernetes environments

SKILLS

- **Languages**: Python, JavaScript, TypeScript, Java, C, Rust, SQL, Groovy, Haskell, HTML, CSS/SCSS
- **Libraries/Frameworks**: React.js, Node.js, Electron, Express, Spring Boot, React Native, Vue.js, TailWind CSS, Bootstrap, Exponent, Sanic
- **Tools/Technologies**: Amazon Web Services, NGINX, Docker, MongoDB, PostgreSQL, DocumentDB, Neo4J, SQLite, Rancher Kubernetes Management, Git, SVN

PROJECTS

Air Toronto   Airplane Flight Booking System
github.com/UTSCC09/project-frontend-frauds   *Vue.js, Node.js, OAuth, JavaScript, NGINX, MongoDB, Express*

- Leveraged Node.js to implement a robust REST API that facilitated CRUD operations on MongoDB collections
- Enhanced user authentication security by implementing Google OAuth 2.0 as a trusted client, enabling users to securely log in using their existing Google credentials

EDUCATION

University of Toronto   Toronto, Ontario
Honours Bachelors of Science with High Distinction, Co-op Computer Science Specialist; GPA: 3.89/4.00   *August 2022*