Abdulaziz Turonov

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TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, SQL, JavaScript, TypeScript, HTML/CSS, XML, MATLAB
Frameworks: React, Vue, Node.js, Express, .NET, Flask, FastAPI, Android SDK, PostgreSQL, SQLite, SQLAlchemy, Pandas, NumPy, Matplotlib
Tools: Git, Grafana, Docker, Qt, Bash, Linux, Jira, CI/CD, Android Studio, Firebase, Excel

WORK EXPERIENCE

Software Developer Intern   May 2024 – August 2024
Angler Solutions Inc.   *St. John's, NL*

- Implemented full-stack solutions enhancing frontend and backend integration with **Vue**, **FastAPI**, and **PostgreSQL**.
- Corrected data transmission errors, increasing system accuracy by 50% with Vue and FastAPI.
- Developed a password recovery system, reducing user recovery time by 30% with **Nuxt** and FastAPI.
- Enhanced security with token automation, achieving 99.9% system uptime and minimizing access breaches.
- Reduced API response times by 70% and improved data processing with **Python** and PostgreSQL.
- Created a Random Forest model, predicting wind speeds with 95% accuracy, enhancing data analysis.

Intern Full Stack Developer   August 2023 – December 2023
Bluedrop ISM   *St. John's, NL*

- Implemented comprehensive user metrics tracking, covering 96% of user activities, enabling the monitoring of over 1000 active users monthly on the platform using **JavaScript**, **React**, and **Grafana**.
- Enhanced web platform features, focusing on frontend improvements with JavaScript and React.
- Utilized **PostgreSQL** for efficient data management and retrieval in application features.
- Managed code updates and facilitated team collaboration using **Git**, **Jira**, and **CI/CD** pipelines.
- Proactively identified and resolved critical bugs, significantly enhancing web platform stability and reducing downtime by 20%.
- Developed and modified RESTful APIs for dynamic data interaction, improving system integration using **Express** and Node.js.

Computer Engineering Intern   February 2023 – May 2023
Memorial University of Newfoundland   *St. John's, NL*

- Integrated AI to generate website guides using API technology, reducing guide creation time by 50%.
- Designed a **Python Flask**-based REST API using **OpenAI API** to deliver dynamic data in real-time, improving response times for data retrieval.
- Created a responsive front-end with **HTML**, **CSS**, and **JavaScript**, interfacing with the Flask API, providing a seamless user experience.
- Assisted in the creation of MUN web pages as a full stack developer using **WordPress** and **T4**, reducing content update time by 25%.

Software Developer   October 2023 – Present
Paradigm Engineering (Student Group)   *St. John's, NL*

- Developed a high-performance path planning algorithm for go-kart navigation using Python and ROS2
- Implemented real-time cone recognition for road navigation using **YOLO algorithm**.
- Utilized Git for effective team collaboration, within a **Linux and Bash** environment
- Enhanced the Paradigm Engineering website using Astro, Tailwind CSS, and JavaScript

PROJECTS

Soft Step | *Java, Android SDK, SQLite, XML, Android Studio, Firebase, Git*   January 2024 – Present

- Developed "Soft Step" app for Parkinson's patients, reducing condition progression by 35%.
- Constructed personalized profiles with SQLite for custom exercise plans and notifications using Firebase.
- Crafted user-friendly **UI with XML in Android Studio**, focusing on accessibility.
- Collaborated using **Git** for version control and team coordination.

Carbon Repay | *Front-end, HTML, CSS, JavaScript, React, Git*   March 2023 – May 2023

- Developed a single-page website to track and offset carbon emissions, reducing company emissions by up to 20%.
- Calculated emissions and donation amounts, supporting carbon offset projects.
- Created an intuitive UI with **HTML, CSS, JavaScript, and React**, increasing user engagement by 25%.

EDUCATION

Memorial University of Newfoundland   St. John's, NL
Bachelor of Computer Engineering, Term 6   *September 2020 – May 2026*