

TUSHAR KOHLI

SUMMARY

I'm a Software Developer with over 5 years of experience building impactful websites that meet customer goals and follow WCAG guidelines. I love working with Product Owners and BSAs to turn requirements into strategic plans that optimize usability and performance. I'm a self-learner passionate about blockchain technology, especially Ethereum, Solana, Solidity, and Node.js. Always excited to explore new tech, I have a solid portfolio of projects showcasing my skills in blockchain and full-stack development.

CONTACT

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EDUCATION

SENECA COLLEGE · Jan. 2017 to Sept. 2018
Computer Programmer Information Technology 2018

UDEMY.COM · Sept. 2021 to Nov. 2021
Blockchain A-Z™: Learn Blockchain, Cryptos & Smart Contracts Information Technology 2021

UDEMY.COM · Mar. 2019 to May 2019
NodeJS - The Complete Guide Information Technology 2019

Solana Development Course · June 2022 to Aug. 2022
Solana Development Course Information Technology 2022

SKILLS

FRONT END SKILLS

Javascript, React, Angular, Redux, Redux-Toolkit, Redux-Saga, Contentful, React-Modals, Webpack, HTML, CSS, Styled Components, Rebase, Typescript, Bootstrap, JQuery

BACKEND TECHNOLOGIES

Node JS, Python

DATABASES

MySQL, MongoDB, PostgreSQL

BLOCKCHAIN SKILLS

Smart Contracts, Web3 JS, Ether JS, Ethereum, Solidity, Solana

TESTING SKILLS

Jest, Enzymes, Behaviour Driven Development

VERSION CONTROL

Git

ANALYTICS SKILLS AND TOOLS

Google Analytics, Adobe Analytics, Adobe Experience Manager, Adobe Launch, Adobe Tag Manager

PROJECTS

FREEDOM MOBILE REDESIGN · Jan. 2019 to Jan. 2020

I played a key role in Freedom Mobile's ambitious redesign project, overhauling their browse and shop sites to create highly user-friendly front-end interfaces. Utilizing ReactJS, Redux, Redux Saga, and Contentful, I developed dynamic portals and contributed to a Web Component Library kit. I ensured code quality through comprehensive unit testing, implemented Styled Components for aesthetic consistency, and maintained SEO standards.

ANONYMOUS TRANSACTION MIXER · Mar. 2024 to June 2024

I developed SolMix, a Telegram-based web app designed for anonymizing transactions on the Solana blockchain, similar to Tornado Cash. SolMix enhances transaction privacy by leveraging advanced cryptographic techniques to obfuscate transaction trails. By integrating seamlessly with Telegram, it offers users a user-friendly interface for executing secure and anonymous transactions on the Solana network.

ADT DASHBOARD, I4G, SOF · Apr. 2020 to Oct. 2020

During my tenure, I contributed to three critical internal applications at TELUS Mobile: "Internet 4 Good," "ADT Dashboard," and "Sales Order Form" versions 1.0 and 2.0. Utilizing React, Redux, and the Telus Design System, I developed responsive and user-friendly interfaces. I maintained high code quality through comprehensive unit testing and closely collaborated with Product Owners to align features with strategic objectives. Actively participating in Agile processes ensured efficient project execution and continuous improvement.

ACTIVITIES

Redux: Confusing Yet Convenient

<https://medium.com/@tusharkohliua/redux-confusing-yet-convenient-9304185d4d0c>

How to write better user stories

<https://www.mobilelive.ca/blog/5-techniques-for-writing-user-stories/>

How is BDD making life easier

<https://www.mobilelive.ca/blog/bdd-making-life-easier>

EMPLOYMENT

Mobile Live Toronto, ON

Software Developer · Jan. 2019 to Current

Front-End Developer + Analytics Developer/Analyst at Rogers Communication (Nov 2021 - current): Dedicated Front-End and Analytics Developer at Rogers Communication, specializing in Angular-based portal development, code quality assurance with SonarQube, and harnessing Adobe tools to optimize user experiences and deliver data-driven insights

- From Nov 2021, I've been a dedicated Front-End Developer at **Rogers Communication**. In addition to my core role, I've also excelled in analytics solution development, utilizing tools like Adobe Launch, Adobe Experience Manager, and Adobe Debugger to optimize user experiences and provide valuable insights.
- Developed and maintained features in the internal portal called "Oneview."
- Utilized Angular for efficient and user-friendly solutions.
- Collaborated with cross-functional teams to align features with company objectives and customer needs.
- Utilized SonarQube for comprehensive code quality checks, ensuring adherence to best practices and high standards.
- Actively participated in code reviews to enhance the overall quality and maintainability of the codebase.
- Prepared analytics solutions for feature development.
- Engaged with product owners and stakeholders to understand tracking requirements.
- Implemented analytics solutions using Adobe Analytics to capture and analyze valuable data.
- Utilized Adobe Launch, Adobe Experience Manager, and Adobe Debugger to optimize user experiences.
- Employed these tools to provide valuable insights for data-driven decision-making processes.

Software Development for CIBC and Simplii (Mar 2021 - Nov 2021)

Played a key role in migrating legacy code to an Angular-based platform, improving performance and delivering strong solutions for **CIBC and Simplii** from Mar 2021 to Nov 2021.

- Contributed to migrating to Angular platform.
- Collaborated closely with cross-functional teams to ensure a seamless transition.
- Played an instrumental role in enhancing the performance and user-friendliness of these internal applications.
- Delivered robust and efficient solutions, aligning with the strategic goals of CIBC and Simplii.
- Developed and executed comprehensive unit test cases, ensuring code quality and reliability

Software Development for TELUS Mobile (Jan 2020 - Mar 2021)

During my tenure from January 2020 to March 2021, I was deeply immersed in front-end development for **TELUS Mobile**, contributing to three critical internal applications: "Internet 4 Good," "ADT Dashboard," "Sales Order Form," and "Sales Order Form 2.0."

- Leveraged a technology stack comprising React, Redux, and the Telus Design System to build highly responsive and user-friendly interfaces.
- Engaged in the development of key features and enhancements for the mentioned applications, aligning them with TELUS's strategic objectives.
- Played a pivotal role in maintaining code quality by writing unit test cases, ensuring comprehensive test coverage adhering to required standards.
- Collaborated closely with Product Owners (POs) to understand their requirements, translating them into technical specifications, and planning feature delivery within fixed timelines.
- Actively participated in Agile development processes, including sprint planning, daily stand-ups, and sprint retrospectives, to ensure efficient project execution and continuous improvement.

Software Development at Freedom Mobile (Jan 2019-Jan 2020)

My journey in professional front-end development began with Freedom Mobile's ambitious redesign project during this period. The project involved a complete overhaul of the browse and shop sites, transforming them into highly user-friendly front-end interfaces. In collaboration with the Front-End team, I played an integral role in developing features and components while ensuring their quality through unit testing.

- Utilizing ReactJS, Redux, Redux Saga and Contentful, I crafted dynamic Front-End portals, enhancing user experiences for **Freedom Mobile**.
- Employed Styled Components to enhance the presentation and aesthetics of the front-end interfaces, ensuring consistency and flexibility in design elements.
- Worked closely with the Front-End team to develop and refine features and components, enhancing the overall user experience.
- Committed to code quality by writing comprehensive unit tests, ensuring the reliability and robustness of the codebase.
- Contributed to the creation of a **Web Component Library kit**, consolidating reusable components for efficiency and consistency across the project.
- Implemented theming techniques to maintain dynamic and easily customizable design elements, allowing for rapid adjustments as needed.
- Maintaining SEO and Unit Testing levels as per the standards marked by the client.
- Evaluated project requirements and specifications and developed software applications that surpassed client expectations.