

Ahsan Shahid

Software Engineer

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Kitchener, Ontario

Energetic and self-motivated software engineer with four of experience designing, developing, and testing large-scale applications. Extensive expertise with process-oriented software development. Excellent skills in designing intuitive user interfaces for labeling activities and internal dashboards. Proficiency in constructing complicated web applications for major enterprises and clients, as well as high-traffic sites that generate optimum financial returns. Excellent communicator, capable of working independently or in team.

Skills & Software

Languages: HTML5 | CSS3 | JavaScript (ES6) | TypeScript | PHP | Java (Basic Proficiency)

Development: React.js | GraphQL | Redux | Node.js | Vue.js | Laravel | jQuery | Bootstrap | WordPress | PostgreSQL | Google Cloud Platform (GCP) | JSON | Typescript | RESTful API | Object Oriented Programming | SOLID | MVC | Agile/Scrum | Linux/Unix | NPM | Yarn | Bash | Grunt | Gulp | Git | JIRA | Jenkins | MySQL | MongoDB

Areas of Expertise

- ◆ Software Development Full Stack
- ◆ Distributed Systems
- ◆ Infrastructure Implementation
- ◆ Web App Technologies
- ◆ Applications Management
- ◆ CI/CD Pipelines
- ◆ Test Driven Development
- ◆ Agile Methodology
- ◆ Data Structures & Algorithms

Professional Experience

Freelance, Remote
Full Stack Developer

04/2022 – Present

Redesign mobile user experience for online projects utilizing responsive web design and accessibility best practices. Employ Test Driven Development (TDD) to create important functionality like filtering, searching, and payment using Node.js on backend and GCP and React on frontend.

- Enhanced page load speed by at least 63% by utilizing media and content optimization strategies such as lazy loading, caching, and minification.
- Independently conceived, developed, and deployed web apps to expand customer base and online visibility of local business owners, resulting in 12% improvement in conversion.

ModiFace, Remote
Full Stack Engineer

08/2020 – 04/2022

Created powerful analytics data pipeline combining GCP services, Apache Beam (Java) on backend, and TypeScript on frontend, improving insights into how product is used. Created performant features utilizing Laravel and Vue.js for CMS that runs ModiFace Beauty AR SDK, which is utilized and trusted by leading global beauty firms such as L'Oréal.

- Created and implemented scalable dashboard for CMS application that enables users to undertake virtual nail polish, attracting thousands of users.
- Developed application's interactive functionality for applying makeup filters.

Nucleo, Sydney, Australia
Full Stack Developer

01/2020 – 04/2020

Created personalized admin sections and option pages for clients leveraging PHP and WordPress CMS. Promptly delivered production-ready projects in 2–3 weeks by iteratively developing features with HTML, CSS, jQuery, and Bootstrap in Agile setting.

- Originated and directed evaluative research for all aspects of application branding, design, and functionality for three substantial projects, yielding critical features, architectural documentation, and success metrics.

Presentation Studio, Sydney, Australia
Lead Web Developer

10/2019 – 12/2019

Assumed responsibility of and oversaw website's development utilizing HTML, CSS, jQuery, and PHP from conception to implementation. Created comprehensive plan for website development in partnership with leadership, design, marketing, and content teams.

- New website garnered 20% more leads and enhanced company's brand value.
- Created completely customized WordPress theme and shortcodes utilizing WordPress codex to accomplish desired design.

Miovision, Kitchener, ON
Embedded Firmware Developer

09/2018 – 12/2018

Developed and documented product requirements and system designs in collaboration with other departments, including marketing and technical services. Contributed to creation and continual improvement of firmware development procedures and tools.

- Developed C-based firmware for SD card testing fixture using TI MSP430 microcontroller, decreasing SD card failures by 30%
- Redesigned numerous test fixture systems with MEAN (Mongo, Express, Angular, and Node) stack, lowering technical debt and duplicated code by 40%.

Avidbots, Kitchener, ON
Applications Engineering – Robotics

09/2017 – 12/2017

Utilized React and MySQL to construct data-driven dashboard visuals to demonstrate effectiveness of robot cleaning. Deployed image processing with OpenCV to compute square footage of cleaning plans.

- Provided multiple cleaning strategies for Neo Robot, resulting in 22% increase in cleaning efficiency.

Ingle International, Toronto, ON
Software Engineering Intern – Full Stack

01/2017 – 04/2017

Simplified process of introducing new products to insurance platform by developing foundation abstractions in Laravel, reusable components in React, and state management with Redux.

- Effectively included additional custom functionality into REST API using the Laravel Framework, assuring high level of security and well-designed API endpoints.

Additional Experience

LAMP Developer, Horizin Studios, Toronto, ON
CMS QA Analyst Coop, Rakuten Kobo, Toronto, ON
Intranet Web Developer, Matcor-Matsu Group, Toronto, ON

Education

Bachelor of Applied Science in Electrical Engineering (Honors) (2014-2019)
University of Waterloo, Waterloo, Ontario

Freelance Projects

YouTube Clone: Designed YouTube clone using ReactJs, <https://verdant-tartufo-b8ffc.netlify.app>.
NFT Dapp: Created NFT Dapp that enabled connecting to cryptocurrency wallet and NFT minting.
Instagram Caption Generator Using GPT-3: <https://gpt3-insta-captions-generator-zeta.vercel.app/>
Agency Website: <https://www.presentationstudio.com/>
Investment Group Website: <https://adiq.com.au/>
Restaurant Website: <http://www.kwredginger.com/>