## FAZLE RYAN CHOWDHURY

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## Full Stack Developer

**Professional Summary**

A distinguished Full Stack software engineer with four years of mastery in PHP and JavaScript, certified as a PHP Engineer by Zend, equipped with a degree in Computer Science and an advanced Full Stack development certification from the University of Toronto. Excellence is consistently demonstrated in collaborative and remote work environments, with a track record that showcases exceptional problem-solving, adaptability, and conflict resolution skills, leading to project outcomes that consistently surpass expectations.

**Technical Skills**

* Proficiency in PHP, Node.js, Laravel, Vue, TypeScript, React (including React Context API, Redux, GraphQL, and Apollo), reflecting top-tier development expertise.
* Extensive experience with databases, including MySQL, SQLite, and MongoDB, utilizing ORM (Sequelize) and ODM (Mongoose) to demonstrate exceptional data handling skills.
* In-depth knowledge of PWA development and IndexedDB, ensuring expertise in progressive web applications.
* Proven experience with CMS platforms, notably Drupal and Wordpress, showcasing versatility and adaptability in content management systems.
* Familiarity with testing tools such as Jest and TDD, emphasizing a commitment to quality assurance and code robustness.
* Proficiency in Git, Heroku, and various project management tools, including Confluence, Asana, and Jira, reflecting strong version control and project coordination capabilities.
* Exposure to server architecture and administration, particularly NGINX and Apache, demonstrating a well-rounded skill set that includes server management.
* Familiarity with SEO coding best practices and cross-platform FTP applications, ensuring website optimization and efficient data transfer.
* Comfortable with tools like Composer, Drush, and Insomnia, further enhancing development efficiency.
* Extensive experience with Docker technology, signifying mastery in containerization and deployment solutions.

**Experience**

**Full Stack Software Engineer, 3M Canada (2021 - Present)**

In the role of Full Stack Software Engineer at 3M Canada, significant contributions have been made to address technical challenges, pioneer innovative features, and optimize software tailored to the corporation's specific data reporting, analysis, or web crawling needs. This includes the development of an enhanced user interface with Vue.js, resulting in a vastly improved UI experience that significantly enhances the performance and success of the business team. Proficiency in PHP and JavaScript, coupled with expertise in Laravel, Vue.js, and Elasticsearch, ensures the consistent delivery of solutions that epitomize top-notch engineering, furthering the digital success of 3M.

**Freelance Software Engineer (Drupal developer) (November 2013 – 2015)**

[Upwork profile (Click here)](https://www.upwork.com/fl/fazleryan)

During this tenure, outstanding achievements were reached, with a consistent record of five-star project reviews on Upwork. Numerous Drupal themes and modules were expertly developed using various APIs like Database, Entity, Restful web services, Field, Form, and Mail, all on a contractual or hourly basis. Client consultations led to tailored solutions and precise project management for concurrent assignments. In addition, the responsibility of staging and production server and database maintenance was undertaken, ensuring seamless operation. A commitment to excellence was consistently demonstrated throughout the freelance engagement.

**Software Engineer at Digital Firefly Marketing (May 2013 – May 2014):**

Employer satisfaction was swiftly achieved through the successful completion of a Drupal project within the first two days. Collaboration with designers resulted in the adept development of Drupal themes, modules, and web applications. Multiple domains and web properties were managed and migrated, with a focus on optimizing speed and capacity, enhancing overall performance. The tenure at Digital Firefly Marketing consistently demonstrated a commitment to excellence and advanced technical proficiency.

**Noteworthy Projects**

**Dog-Dash |** Git Repository:<https://github.com/ryan7998/dog-dash>

A project showcasing MERN stack expertise with a GraphQL API, IndexedDB for PWA, and Redux for advanced state management. Notable features include job posting for dog owners, walker applications and selection, real-time job status updates, and secure payments facilitated through the Stripe gateway. Utilization of additional technologies such as SemanticUI, AWS S3 integration, and Heroku hosting for profile pictures further underscore the project's excellence. Ongoing enhancements and feature additions are in progress within my forked version of the project.

**MileStone |** Git Repository: <https://github.com/proj2gr4/Milestone-Project>

A collaborative venture focused on motivating individuals to achieve their milestones. Key features include user registration and login to set personal goals, the ability to join or withdraw from goals, and tracking progress seamlessly. The project was executed with an efficient structure, employing separate API and HTML routes, optimized routing using the express router, and a technology stack encompassing Nodejs, Expressjs, MySQL, Handlebars, and express-session. The project highlights a commitment to achieving high-level software engineering outcomes.

**Education**

Bachelor of Science: **Computer Science** (2006 – 2010) (The University of Comilla, Bangladesh)

**Certification**

Certificate in Full Stack Web Development: University of Toronto, Toronto, (2021)

[Zend Certified PHP Engineer](https://www.zend-zce.com/en/yellow-pages/ZEND022000) 