Long Le

Software Engineer

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WORK EXPERIENCE

Software Developer

King's University College ↗

10/2017 - Present   *London, Ontario*

Achievements/Tasks

- Responsible for project planning, requirements gathering, writing technical documentations, developing and maintaining practical applications to solve problems.
- Designed and developed a progressive web application that centralizes services, resources and tools provided by the university to create a unique experience for approximately 3,500 students.
- Delivered multiple software applications to provide cross-functional teams the ability to collaborate and meet project requirements and deadlines.

Web Developer

Eighty8 Ventures ↗

01/2017 - 01/2018   *London, Ontario*

Achievements/Tasks

- Developed microservices responsible for user management, account services, payment processing and geolocation services using the Laravel PHP framework.
- Utilized wireframe and technical documentations to design and construct front-end web components to create meaningful and relevant user experiences.
- Created and executed unit/integration test plans to uncover, identify and fix software bugs to ensure a minimum of 98% code coverage.

Web Developer

Western University ↗

04/2017 - 10/2017   *London, Ontario*

Achievements/Tasks

- Improved website availability, reliability, efficiency and technical performance by updating libraries, refactoring back-end architecture and optimizing files and content delivery.
- Developed reusable and maintainable components for content managers to create user friendly websites visible to over 40,000 Western students and external viewers.
- Interacted and collaborated with cross-functional departments and faculties to implement new designs and features offered by Western's IT department.

EDUCATION

Bachelor of Management and Organizational Studies (BMOS) - Major in Computer Science, Specialization in Accounting

Western University ↗

09/2011 - 06/2016   *London, Ontario*

TECHNICAL SKILLS

JavaScript   Perl   HTML   CSS   Vue.js
Node.js   Java   NoSQL   MongoDB   MySQL
Docker   React   Jira   Azure DevOps   GitHub
GitLab   Linux   Ubuntu   Apache HTTP Server
Visual Studio Code   MS Visual Studio   Eclipse IDE

PROJECTS

Student Portal (07/2020 - Present)

- Delivered a progressive web application using traditional progressive enhancement strategies to provide a native app-like user experience to cross-platform web applications.
- Leveraged our new technology stack to develop an infrastructure centralizing our important resources, services and tools for over 5,000 prospective and current students.

Online Residence Application (05/2020 - Present)

- Created a modern dashboard providing over 2,000 prospective students the ability to manage residence applications and other important documentations.
- Developed an admin interface responsible for maintaining applications, directing documentations and forms, managing user roles and permissions, and controlling system configuration.

Project Teams (02/2020 - Present)

- Utilized our in-house database ticketing system and departmental procedures to develop a project management application designed to help teams organize, track and manage their work.
- Improved accountability, communication, reliability and project management between 12 departments, 32 faculties and multiple teams.

Shuttle Bus GPS System (01/2019 - Present)

- Integrated the Titan GPS vehicle tracking hardware and web API to generate real time geolocation data for consumption.
- Developed a platform using the Google Maps web services and our in-house geolocation REST API to provide real-time shuttle bus locations.

INTERESTS

Personal Finance   Team Sports   Travelling
Business and Investment Literature   Video Games
Computer Hardware