

JOB DESCRIPTION

Full Stack Developer Intern

Overview

Speer Technologies is a Toronto based technology hub partnered with some of the largest technology incubators within the Greater Toronto Area. Our team consists of passionate innovators and open-minded thinkers, with the drive to build unique technologies that are getting FDA approved, ADA approved or provisional patents. Speer focusses on building groundbreaking technologies with partnerships in Italy, Germany, California, and France. Partnering to build unique products allows our designers and developers to gain unique exposure to end-to-end product development lifecycles.

As a startup, we expect you to learn while delivering high quality code and producing for our tight timelines with partners. Our fast-paced environment provides exposure to many different languages, software, work environments and people improving your communication skills, technical and transferrable skillset.

Speer's goal is to collaborate with innovative brands to create a renowned experience. We provide lots of opportunity for growth.

What You'll Do

- Develop visually appealing front-end/back-end website architecture, including mock-ups and wireframes from our UX and UI designers
- Maintain, improve, and test our web and mobile applications
- Develop functional databases, applications, and servers to support the website on the back end
- Give and receive constructive feedback on your team's work via code reviews and testing
- Effectively contribute suggestions and new ideas to enhance performance and usability
- Keep your skills up-to-date and make recommendations on software approaches, architectures, and vendors
- Aspire to take a high degree of code, process, and delivery responsibility
- Enthused to work in an agile / high-paced environment where code backed by automated tests is shipped into production frequently

- Collaborate with a cross-functional team to plan, design, and execute sprints

Responsibilities

- Develop and implement low-latency, highly performant server-side components by writing efficient, reusable, and maintainable code
- Collaborate with team members to contribute to improvements in process and infrastructure
- Leverage available tools/systems to proactively identify and resolve defects
- Implement effective security protocols and data protection measures
- Work with frontend developers on the integration of application elements

Skills Required

- Proficiency with fundamental front end languages such as HTML, CSS, and JavaScript.
- Experience working in diverse teams
- Must have at least 1 year of experience working as a Back-end developer
- Proficient level of Node.js experience with components, classes, and associated technologies
- Good knowledge of popular node libraries/components in open-source community
- Brainstorm, concept, and collaborate with architects, front-end, and product team to come up with practical application solutions.
- Following and implementing the latest coding trends, tricks/hacks, and best practices along with conveying the message to the other team members
- Excellent verbal and written communication skills and able to interact professionally with a diverse group of people
- Familiarity integrating with external APIs and SDKs
- Strong skills writing testable and maintainable code
- Strong foundation with unit testing
- Good understanding of asynchronous programming
- Proficient understanding of code versioning tools, such as Git
- Experience with MongoDB and Redis data storage solutions, or other DB solutions
- Collaborate with team members to contribute to improvements in process and infrastructure
- Leverage available tools/systems to proactively identify and resolve defects
- Implement effective security protocols and data protection measures

- Work with frontend developers on the integration of application elements

Preferred Skills (we understand you learn on the job too!)

- Node.js, Typescript, JavaScript, Express.js, MondoDb, Redis, Jest, Yarn and related technologies
- React.js, JavaScript, HTML, CSS, Jest, Yarn and related technologies

Ideally you will also have

- An Agile mindset with experience working in Agile environment
- Swift/Kotlin experience
- A spirit of collaboration and transparent communication
- A natural curiosity for new scripting languages, frameworks, and technologies
- High personal code/development standards (peer testing, unit testing, documentation, etc.)
- Team spirit and a sense of humour is always great

COVID-19 Considerations

We have shifted to an entirely virtual environment. Our team takes initiative and operates well independently or as teams so we've been working a blend of remote/in office since we've started Speer.

Candidates can apply here: <https://employers.indeed.com/j#jobs/view?id=1d99d55ba583>

This internship is funded by the Government of Canada under its Digital Skills for Youth (DS4Y) program. DS4Y, an initiative from Innovation, Science and Economic Development Canada (ISED), provides an opportunity for youth to gain valuable training and work experience needed for today's digital economy.

For more information about the DS4Y program in New Brunswick, please visit <http://www.cybernb.ca/DS4Y>