

Srijan Shrestha

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SUMMARY

- More than 5 years of experience in the Software Development industry with a primary focus on requirements gathering, development, debugging, troubleshooting, testing, and deployment.
- Proficient in developing a well-detailed, intuitive, robust, and scalable web application in a cross-functioning team environment to identify, analyze problems, and complete tasks on time.

PROFESSIONAL SKILLS

- Programming Languages: **C#, JavaScript, Typescript, Python**, Kotlin, **CSS/SCSS, HTML, XML**
- Web Frameworks and libraries: **.Net, Entity Framework, Dapper, Angular, RXJs, Bootstrap, Tailwind**, jQuery, **React**, Express, Node, Razor page, AJAX
- Databases: **MySQL, SQL Server, MongoDB**
- **Azure App Service, Azure DevOps, AWS EC2, Firebase, Git, Bitbucket, Jira, CI/CD, Agile/Scrum Software Development, REST APIs, Data Structure, TDD, OOP, OAuth2**

WORK EXPERIENCE

Full Stack Software Developer

NOV 2022 - Present

System Application Inc

Toronto, Canada

- Designed and implemented a **scalable** Parent-Tutor system using **.NET 7** (backend) and **Angular 14** (frontend), facilitating parent-tutor communication, scheduling child assessments, instructor availability setup, child enrollment in recommended courses, and course session scheduling.
- Utilized **Entity Framework, Dapper, Repository**, and **Dependency Injection Design patterns** to encapsulate data access.
- Managed database using **MS SQL Server** and set up an Email Service using **SendGrid** Email server. Integrated **Azure Function** to trigger Email Notifications and SMS Notifications using **Twilio**.
- Usage of **SASS** and Angular recommended best practices for **Scalable projects**. Integrated **Telerik Kendo UI** resulting in a **15%** reduction in development time.

Software Engineer at *Devfinity*

NOV 2020 - OCT 2022

devfinity.io

Murray, Utah, USA

- Involved in the **development of an innovative online tech job marketplace** using **.Net Core, and Angular 9+**.
- Implemented **ELK stack** to monitor project logs and create a comprehensive dashboard for real-time reporting, leading to a **20% decrease in issue resolution** time.
- Developed a **project management tool similar to Jira**, adding **Kanban boards** and **time-logging features, task breakdown** and **task assignment features, report generation**, and **project estimation**, resulting in a 20% increase in client productivity.
- Maintained **Azure DevOps CI/CD** pipeline to ensure seamless deployment of features in the cloud on a regular basis, ensuring continuous integration and delivery of software updates.
- Developed and implemented Dynamic SQL in **Stored Procedures** that involved parsing raw CSV data, transforming it, and loading it into multiple database tables.
- Conducted thorough **unit testing** using frameworks like **NUnit**, ensuring the quality and reliability of the software.

Software Engineer(contract) at *Outcode Software*

MAY 2020 - JUN 2021
Salt Lake City, Utah, USA

outcodesoftware.com

- Collaborated with a cross-functional team of designers and frontend engineers to develop a freight management web application, resulting in a **40% increase in operational efficiency for the client**.
- Engineered **reusable components** to handle **scalability**, **reducing development time** and **enhancing the application's performance** by 15%.
- Delivered a **cross-browser-compatible** and **responsive web application** that met all client requirements, resulting in a **100% satisfaction rate among users**.
- **Mentored team members** on agile methodologies, **leading** to the successful completion of the project **within the estimated timeline** and budget with zero post-production defects.
- Integrated **Serilog** to monitor project logs, leading to a **25% decrease in issue resolution** time.
- Conducted thorough code reviews and delivered constructive feedback to colleagues, promoting a culture of continuous improvement.

Software Engineer at *Insight Workshop*

JUN 2018 - NOV 2020
Kathmandu, Nepal

insightworkshop.io

- Handled **US-based steel container service** providing a web application (using **Django, AWS EC2, MySQL**) that allows buyers to purchase containers online from different vendors.
- Utilized **Docker** and **Kubernetes** to containerize and orchestrate microservices, improving deployment efficiency and scalability.
- Designed and implemented an e-learning platform using Angular framework and **.Net Core** API, resulting in a 30% increase in employee training completion rates.
- Participated in the integration of **OAuth2** authentication for enhanced security and user management.
- Collaborated closely with clients to understand their needs and goals, designing custom MVP programs tailored to their specific requirements and preferences in a **fast-paced environment** and **delivering them within the deadlines**.

EDUCATION

Post Graduate Degree - Mobile Application Development

Georgian College

georgiancollege.ca

Sept 2022 - April 2023
Barrie, Canada

Bachelor of Engineering - Computer Engineering

Advanced Engineering College and Management

acem.edu.np

2014 - 2018
Kathmandu, Nepal