

Harshvardhan Chauhan | Developer

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More than **5 years** of expertise designing and building UI and SPAs utilizing front-end technologies like **Blazor Server, SignalR, React, Angular and JavaScript, TypeScript**, as well as experience working with back-end technologies including **.NET, C#, Node JS, and PHP**. Proficient at translating designs and wireframes into high-quality code. Experience with **React fundamentals and Redux** for state management in complicated apps. Experienced in tracking and maintaining web application performance, as well as troubleshooting and debugging it to improve overall performance.

EDUCATION

Lambton College, Toronto, CA

Sept 2020 – April 2022

Major: Postgraduate in Artificial Intelligence & Machine Learning

GPA: 3.7/4.0

Government Engineering College, Modasa, IN

Technology August 2015 – May 2019

Major: Bachelor's degree in Information

GPA: 3.6/4.0

SKILLS & QUALIFICATIONS

- **Programming Languages:** JavaScript, TypeScript, .NET, C#, MVC, Python,
- **Web Technologies:** React, Angular, Redux, Node, HTML, CSS, Bootstrap, Ajax, jQuery, Rest API, JSON, WordPress, Unit Testing, Integration Testing
- **Mathematical Skill:** Statistical Analysis, Statistics, Statistical Modeling, Analytics, OOPs Concepts
- **Frameworks and Tools:** Visual Studio, VS Code, Postman, Swagger, Datadog, Azure, Grafana, WSL, Graph Tools, IDEs, Servers,
- **Version Control and Cloud:** Git, GitHub, Jira, Confluence, Azure DevOps
- **Databases:** SQL, MySQL, Microsoft SQL Server, PostgreSQL, Azure Cosmos DB,
- **Transferable Skills:** Critical Thinking, Communication Skill, Problem Solving, Leadership Skills, Patient, Analytical, Project Coordination

RELEVANT PROFESSIONAL EXPERIENCE

Sherweb, Toronto, CA.

Full Stack Developer

Jan 2023 – April 2024

- I worked on several projects to create various portals utilizing the **Blazor Server and React** and **CSS** frameworks.
- Using **C#** and **.NET Core** to build **Microservices** in **Azure**.
- Creating APIs with the use of **Azure API Apps**.
- Developed basic knowledge on **Azure Functions, Azure Service Bus, Service Bus triggers, Message Queues**.
- Moreover, I gained knowledge about using **Terraform, Ansible, Grafana, Influx DB, and Telegraf** to achieve cloud automations.
- Gained knowledge with good understanding on the **Azure storage Accounts**.
- Build several APIs for the plugins to transfer data with **Cosmos DB, Azure Storage Tables**.
- Also, I worked with **Golang**, with **Buffalo** framework to build **server-side** rendering web application, to handle scalability issues using **HTMX**.

Beacontree Technologies, Toronto, CA.

Full Stack Developer

June 2022 – December 2022

- Responsible for developing components for all the medical related mobile responsive web applications using advance web development technologies like **React, Redux, Typescript, ES6, Node, MySQL** to develop and design products for medical purposes which is **mobile responsive applications**.
- Implemented **Redux library** for global data store and used React-Router library for routing, implemented middleware in **Redux** for making **Async requests**, logging actions, error reporting and for dispatching new actions to reducer.
- Performed unit testing using the open-source **JEST with React Testing Library**.
- Using **Microsoft Graph API** to send emails, also **Material UI** framework for designing.
- Using external readers like **RFID**, and **NFC** to read data from the tags to ease the work of the users.
- Using **Node JS** and **Express** Framework as a backend technology to handle data with **SQL**.

Nugget.ai, Toronto, CA.

Data Science Intern

Jan 2022 – April 2022

- Worked in a team as a Data Scientist (Data Science Intern), to build a **Machine Learning** model to predict how burn-out an individual is at work, based on conversation within platforms like **Teams** and **Slack**.
- To **fetch data** from **Microsoft Teams**, we used **Microsoft Graph API** to collect the required data for the respective **tenant**, for analysis purposes.
- Defined data strategy and direction to drive product development and presented to the business stakeholders.
- Collaborated with **Data engineers** to work on other platforms, by building **AI/ML models** to achieve the product requirements, with the usage of **CPU, GPU** to efficiently accelerate hardware for the better optimizations of model.

Silverwing Technologies Pvt. Ltd.

Full Stack Developer

June 2018 – September 2020

Ahmedabad, India.

- Developed **single-page applications** for several projects, including Fincasys (a building management system), the website for chartered accountants, Amarbij (an e-commerce site), and the website for religious books. These projects used a variety of cutting-edge technologies, such as **React JS, Redux, ASP.NET, PHP, NodeJS, My SQL, jQuery, Ajax, HTML, CSS, and Bootstrap**.
- Made utilization of **React's** effective data flow architecture to construct a small and render-efficient web application utilizing **Redux**, as well as **AXIOS** to retrieve data in **React JS** and **REDUX promise** as **middleware**.
- I worked with open-source **JEST** with **React Testing Library** to write **unit tests** for JavaScript code.
- Used **Media Queries** for responsive web designing to be compatible in all devices and integrate with various database for retrieving the data in the form of JSON.
- Used backend technologies like **.NET, Node JS, PHP** with their respective frameworks like **Express, Laravel**, for the data handling using mostly **My SQL**.
- **Trained 30 interns**, to develop websites using latest and its fundamentals.
- Translated business requirement to technical requirement by working on 7 projects and contributed to client satisfaction.
- Represented my organization at BNI (Business Network Intelligence), to other personalities, for the growth of our organization.

PROJECTS

Fincasys: Community Management (<https://www.fincasys.com/>)

- Worked on Fincasys to build admin panel both frontend and backend, using **React JS, Node JS, REST APIs, HTML, CSS, Bootstrap, JavaScript, My SQL**.

Issue & Project Tracking Application

- Utilizing technologies like **React JS, Redux, .NET, My SQL, jQuery, and Ajax**, a system was built to track, plan, and manage project updates and issues.
- Developed a **dynamic and mobile responsive web application** system by working on both the front end and back end.

Student Learning Web Application

- Worked in a team to build the web application to create the religious book type website, including both audio book and video book using **React JS, Redux, .NET, Bootstrap, HTML, CSS, jQuery, Ajax, REST APIs, My SQL**.
- Using the web application, different age groups can get information about their religion very easily.

Ecommerce (Amarbij)

- Used **React JS, Node JS, Ajax, jQuery, My SQL, HTML, CSS, and Bootstrap**, built a hybrid business model with a link connecting offline and online sales channels to integrate all offline retail networks with online ecommerce.
- Also built the **REST APIs** for better communication between server and client.

VOLUNTEER WORK

BAPS Charities

- Conducted webinars organized by BAPS Charities for primary students to learn the latest mobile technologies to build basic games.