

# Manpreet Singh

Web & Software Developer

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## WORK EXPERIENCE

### Venturis Capital Corporation

Surrey BC, Canada

#### Full Stack Developer

Sep 2022 - Oct 2023

- Architected and deployed the entire technology stack on Azure, **improving** website and service **performance** by **40%** and **achieving 99.9% uptime**.
- Engineered and optimized Laravel, Java and .NET web applications/APIs with React frontend, resulting in a **30% increase** in application **responsiveness**.
- Spearheaded rapid prototyping initiatives using NuxtJS and NextJS, **reducing development time** by **25%** for new projects.
- Refactored and maintained legacy .NET ASP applications, extending their lifespan and **improving performance** by **20%**.
- Implemented CI/CD pipelines using DevOps, **reducing deployment times** by **50%** and **increasing release frequency** by **3x**.

### Mashoori Marketing India Pvt. Ltd.

Punjab, India

#### Full Stack Developer

Sep 2017 - Aug 2022

- Developed and optimized front-end applications using React, Vue, and other frameworks, resulting in **60% faster page loads** and improved user experience.
- Designed and deployed applications built with Laravel, Node.js, .NET, and Ruby on Rails on AWS and other cloud platforms, **reducing system downtime** to **less than 1%**.
- Engineered database migration strategies, transitioning legacy systems to MySQL, MongoDB, AWS S3, and Firebase, resulting in **99.99% data integrity** and automated backups.
- Designed and implemented microservices architecture using Docker and Kubernetes, improving application scalability and **reducing resource usage** by **30%**.
- Established continuous integration and deployment workflows using Jenkins, Ansible, and Terraform, **increasing deployment frequency** by **5x** and **reducing errors** by **70%**.
- Implemented comprehensive bug tracking and reporting system using JIRA and Git, **reducing average time to resolution** by **40%**.
- Developed and integrated RESTful APIs, expanding system interoperability and **increasing user base** by **20%**.

#### Web & Software Developer

July 2015 - Sep 2017

- Led the development of iOS and Android applications using Agile methodology, resulting in a **250% increase** in user **retention**.
- Implemented SEO strategies, including geo-tagging and analytics, resulting in a **95% improvement** in **Google Page Rank** for client websites.
- Orchestrated social media marketing campaigns across Facebook, Instagram, and Google AdSense, **expanding audience reach** by **over 300%**.

## EDUCATION

Masters of Engineering, Thapar University, Punjab, India

July 2013 - July 2015

Bachelors of Technology, Punjab Technical University, Punjab, India

Aug 2009 - July 2013

## SKILLS

Back-End	Laravel (expert) • Spring (expert) • NodeJS (expert) • .NET Core MVC (progressive)
Front-End	Vue (expert) • React (intermediate) • Angular (intermediate) • TailwindCSS (expert)
Database	MySQL (expert) • MSSQL (expert) • PostgreSQL (progressive) • MongoDB (progressive)
Languages	C++ (expert) • Java (expert) • PHP (expert) • JS (expert) • Python (expert) • C# (intermediate)
DevOps	Docker (expert) • Vagrant (expert) • Jenkins (intermediate) • Ansible (intermediate)
Cloud	Azure (intermediate) • AWS (progressive) • Kubernetes (progressive)