

# DEEPAK SHARMA

## Manager Engineering

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## PROFESSIONAL SUMMARY

As a Manager Engineering, I have leveraged my coding skills and leadership abilities to excel in Azure, Kubernetes, and other cloud technologies. I have built and maintained secure and scalable infrastructure solutions, while guiding my teams to deliver successful results.

- Experienced software developer (10+ years) and a manager engineering (3+ years)
- Earned a master's in engineering degree from Dalhousie University, Halifax
- Collaborated with diverse teams, offices, and time zones on large-scale codebases
- Led the development of web applications as a Senior Web Developer at a Halifax startup

## WORK HISTORY

### Manulife Financial Manager Engineering

Mar'22 – Present

- Led and managed multiple teams: 20+ onsite and offshore developers/QEs, ensuring code quality through rigorous reviews and efficient commits, resulting in a 15% improvement in code quality metrics
- Oversaw performance management, including conducting reviews, delivering constructive feedback (both positive and corrective), and facilitating difficult conversations to address performance issues and support professional development
- Led architecture and design sessions for various Dot Net and NodeJS (Typescript) projects
- Ensuring that all Azure-based Dot Net applications and infrastructure are secure, reliable, and scalable, and that they comply with relevant regulations and standards
- Collaborated closely with product owners, QAs, and business stakeholders to define application features and translate them into actionable user stories, ensuring alignment with business objectives
- Providing technical guidance and mentorship to your team members to ensure their continued growth and development in Dot Net Entity framework
- Hire and onboard new software engineers and provide them with the necessary training and support

### Manulife Financial Full Stack Developer

Mar'20 – Mar'22

- Developed and deployed 15+ microservices using NodeJS and .NET to support critical COVID-19 related changes, ensuring timely delivery and high availability
- Designed and developed .NET applications in an Agile environment, utilizing test-driven development practices to reduce bug occurrence by 20%
- Implemented .NET Entity Framework, resulting in a 20% reduction in development time and improved data access efficiency
- Collaborated with senior architects to design and structure RESTful APIs, focusing on authentication, authorization, security, and comprehensive documentation
- Ensured high-quality code through pair programming and rigorous code reviews, resulting in a 10% decrease in production errors for consumer-facing APIs
- Mentored 4+ junior team members, providing guidance on development best practices and

- overseeing code quality
- Managed deployments on Pivotal Cloud Foundry (PCF) and Azure Kubernetes Service (AKS) using Jenkins and Docker, automating the deployment process and reducing deployment time by 15%

**Loblaw Companies Limited**  
**Senior Software Developer**

**Aug'19 – Oct'19**

- Developed microservices using web-based technologies like NodeJS and Spring boot
- Worked on server and cloud computing technologies (GCP and PCF) and making sure APIs are auto scaled
- Implementation using Angular 8, API routing, data storage, design patterns, optimization, caching and security
- Created web-based user interfaces using Angular Material design to deliver delightfully functional and intuitive user experiences
- Used both relational database (MySQL) and non-relational database (Mongo DB) to fetch records from database

**Manulife Financial**  
**Senior Software Developer**

**Aug'18 - Aug'19**

- Developed new features and updated existing features and data model to facilitate integration of user-facing elements with NodeJS and React
- Wrote reusable, testable, and efficient code that enables low-latency, highly available, and scalable applications in an agile environment
- Implemented automated testing platforms and unit tests
- Completed tasks as assigned for bi-weekly sprint plan in an agile methodology
- Created APIs, proxies and products using Apigee
- Experienced with building and consuming RESTful APIs
- Involved in successful deployment of services using Jenkins and Concourse on production
- Managing a dev team of offshore resources and making sure bi-weekly sprints targets are met

**Univfax, Halifax, Canada**  
**Senior Software Developer**

**Jan '16 – Mar '18**

- Developed interactive web applications using PHP, JavaScript, HTML5, CSS3, JSON, Angular 2
- Optimized the source code for the website and worked with CSS3 and Bootstrap to create responsive web designs for the mobile users.
- Implemented the Google Maps API, Yelp API and search functionality using Angular2 and NodeJS
- Utilized Google Analytics to track visitor flow and interaction throughout different web services
- Analyzed industry trends and compiled market research data for planning and strategy
- Directed targeted marketing efforts that introduced new services and promoted service visibility
- UnivFax was featured in CTV Canada news and was on the "20 Innovative Halifax start-ups to watch out for in 2017" list

**NIIT Limited, India**  
**Software Developer**

**Nov '12 – Dec '14**

Project: HMM, Dublin, Ireland

- Designed, developed, and implemented internal and external application with standards-compliant code in a waterfall model
- Emphasized on browser compatibility, accessibility, efficient and optimized JavaScript and HTML5 code including MySQL databases, testing and documentation

- Streamlined deployment process by developing continuous integration tools
- Resolved technical defects logged on JIRA by the client and close the pending tickets by making the required changes to files
- Drafted comprehensive reports to document bugs and design flaws
- Worked closely with clients to establish problem specifications and online designs

### TECHNICAL SKILLS

Dot Net (.NET)	NodeJS	Java Spring boot
React JS	Angular	Next JS
Azure (AKS)	Kubernetes	Terraform/HELM
Docker	Azure Service Bus	Jenkins
MongoDB	Redis	Kafka

### CERTIFICATION / PERSONAL ACHIEVEMENTS

AI Programming for JavaScript Developers  
Starting LEAN Program

LinkedIn Learning  
Dalhousie University

### EDUCATION

Dalhousie University  
2015 – 2017

master's in engineering

MDU University  
2008-2012

Bachelors in Computer Science