

LOVENEET SAINI

Microsoft Certified Solutions Architect & AI Engineer

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Experienced **Software Development Lead** with a demonstrated history of working in the **Corporate Innovation** environment. Skilled in **Human-Centric Design, Cloud Computing, Artificial Intelligence,** and **Project Management**. Spent most of his time at Deloitte, leading **development teams**, applying **agile methodologies**, and working with **emerging cloud technologies** to bring solutions in many disciplines.



Skills

- Cloud Computing
- Artificial Intelligence
- Full Stack Development
- Technology-enabled Transformation
- Agile Project Management
- Mentoring And Coaching



Work History

Sep 2018 - **Consultant, Software Dev. Lead (Innovation)**

Current

Deloitte (DSpace Innovation Lab), Kitchener, Canada

- Leading technical teams to identify and accelerate development of new products and services that use emerging technologies
- Managing delivery of multiple software systems development simultaneously.
- Collaborating with engineering and development teams to evaluate and identify optimal cloud solutions.
- Leading weekly product demos for clients and broader project teams.
- Managing cloud environments in accordance with company security guidelines.
- Working closely with the team counterparts to tackle problems and provide insight on technology and architecture.
- Migrating complex, multi-tier applications on Cloud Platforms.

**Nov 2017
- Aug
2018**

Business Technology Analyst, Full Stack Developer

Deloitte (DSpace Innovation Lab), Kitchener, ON

- Worked on a variety of projects within small agile/scrum teams with a focus on prototypes, human-centered design, MVP implementation and market validation.
- Worked with the latest in IOT technology, mobile and web applications, NoSQL databases, analytics, wearables and machine learning to create compelling prototype products and proof of concept innovations.
- Developed and maintained cloud solutions in accordance with best practices.
- Selected appropriate Cloud services to design and deploy an application based on given requirements.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Used lean product development process for validating problem-solution fit with stakeholders.

**Jun 2017 -
Sep 2017**

Front End Developer

Mitsubishi Motors Canada, Mississauga, Canada

- Developed MyMitsubishi Customer Portal using Agile based development.
- Built complex single page applications using MEAN stack.
- Performed various automated and manual testing and bug fixing.
- Participated in all aspects of the software development life cycle for AWS solutions, including planning, requirements, development, testing, and quality assurance.

**Jan 2017 -
Apr 2017**

Multimedia Developer

Blackberry, Waterloo, ON

- Developed Blackberry Training Course Catalogue web application.
- Contributed in redesigning of Blackberry's Global Training website.
- Built a library of reusable animation and motion graphics content.
- Developed proof-of-concepts and prototypes of easy to navigate user interfaces.
- Conceptualized, designed and developed Web Based Trainings

**Jan 2015 -
Nov 2015**

Web Application Developer

Digiwebtech Software Solutions, Ludhiana, India

- Wrote well designed, testable, efficient code by using best software development practices
- Integrated data from various back-end services and requirements based on technical needs
- Planned and engineered RESTful web services to manipulate dynamic datasets.
- Built and designed web services in the cloud, along with implementation.



System Experience

- **Languages:** Python, JavaScript, SQL, PHP
- **Cloud Platforms:** AWS, GCP, Azure
- **Container Platforms :** Docker, Kubernetes
- **ML Libraries:** Scikit learn, TensorFlow, H2O, NLTK, SpaCy, Gensim, AWS Comprehend, Azure ML, Azure Cognitive Services
- **Frameworks/Libraries:** Angular, Node.js, React, jQuery, Flask, High Charts, d3.js
- **Databases:** MySQL, MongoDB, Firebase, Azure CosmosDB, AWS DocumentDB, AWS DynamoDB
- **Version Control:** Git, Perforce
- **Webservices:** SOAP, REST
- **Management Tools:** Jira, Trello, PivotalTracker, Confluence
- **Design Tools:** Adobe XD, Adobe Photoshop, Adobe Lightroom



Certifications

- ◆ **Apr 2021** Microsoft Certified: Azure Solutions Architect Expert
- ◆ **Mar 2021** Microsoft Certified: Azure AI Engineer Associate
- ◆ **Oct 2020** Microsoft Certified: Azure Fundamentals (AZ-900)
- ◆ **Oct 2020** Microsoft Certified: Azure AI Fundamentals (AI-900)



Education

- ◆ **Jan 2016 - Apr 2017** **Master of Applied Computing: Computer Science**
University Of Windsor - Windsor, ON
- ◆ **Aug 2011 - Jun 2015** **Bachelor of Engineering: Computer Science**
Chitkara University - Chandigarh, India



Recent Projects

Quick Search

[Jan 2021 - Apr 2021]

- Role: Front-end Development Lead/ DevOps Engineer
- Technologies Used: React.js, Azure App Service, Azure DevOps, Azure Cognitive Search, Azure Data Factory
- Worked with IT team to create a new web-based search engine to search all internal databases using Azure Cognitive Search, resulting in effective time saving of executives by more than 50%

CS4E (Cognitive Services for Everyone)

[May 2020 - Nov 2020]

- Role: Middleware Developer/ Solution Architect
- Technologies Used: React.js, Node.js, Azure Cognitive Services
- Designed, built and deployed highly available web application showcasing Azure Cognitive Services

Meeting Cost Estimator

[Jun 2020 - Aug 2020]

- Role: Team Lead/ Solution Architect
- Technologies Used: Node.js, Office JavaScript API, Microsoft Graph
- Evaluated project requirements and specifications and led the development of an Outlook Add-in to calculate meeting cost and provide recommendations to users to effectively setup meetings

G&I Program Monitoring

[Jan 2020 - Apr 2020]

- Role: Team Lead/ Solution Architect
- Technologies Used: React.js, Node.js, Azure CosmosDB, Azure Logic Apps, Azure VM, AWS DocumentDB, AWS EC2
- Led a team of 3 to build a scalable active learning pipeline to identify all new/updated grants and incentives programs in Canada

TMT Bot

[May 2019 - Dec 2020]

- Role: Team Lead/ Solution Architect
- Technologies Used: React.js, Node.js, Python, AWS DynamoDB, AWS S3, AWS Comprehend, Scrapy, Aylien API
- Led a team of 4 to build a NLP powered realtime pipeline which monitors the startup and scale-up ecosystem in an automated way and help M&A practitioners to find, annotate, store, and maintain information about TMT growth companies in Southern Ontario

TD Wealth Advisor

[Mar 2019 - Apr 2019]

- Role: Team Co-Lead
- Technologies Used: Firebase, Python, Scikit-learn, AWS EC2
- Collaborated with TD Innovation Lab and built a ML powered recommendation engine to match-make new (cold start) customers to existing wealth advisors

Midas

[Sep 2018- Apr 2019]

- Role: Team Lead
- Technologies Used: React.js, Node.js, Python, AWS S3, AWS Comprehend, Scrapy, Aylien API, Scikit-learn, Spacy, H2O
- Built a machine learning pipeline that was able to ingest information from a variety of quantitative and qualitative sources and predict which companies were most likely to engage in M&A activity within a 12 month period with a high degree of precision.