LOVENEET SAINI

Microsoft & AWS Certified Solutions Architect

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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 **Agile Project Management**. Spent most of his career, 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 - Current

Consultant, Software Dev. Lead (Innovation)

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 teams to evaluate and identify optimal cloud solutions.
- Managing cloud environments in accordance with company security guidelines.
- Owning the backlog including daily prioritization, grooming, writing user stories and generally keeping the dev team unblocked and running as fast as possible.
- Migrating complex, multi-tier applications on Cloud Platforms.
- Monitoring automated build and continuous software integration process to drive build/release failure resolution.

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.
- Worked with clients from different backgrounds to understand the requirements and then translating them to the development team
- 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**: JavaScript, Python, SQL
- **Cloud Platforms**: AWS, GCP, Azure
- **Container Platforms** : Docker, Kubernetes, AKS, EKS, ACS, ECS
- **ML Libraries:** Scikit learn, TensorFlow, H2O, NLTK, SpaCy, Gensim, AWS Comprehend, Azure ML, Azure Cognitive Services
- **Frameworks/Libraries:** React, Angular, Node.js, jQuery, Flask, High Charts, d3.js
- **Databases**: MySQL, MongoDB, Firebase, Azure CosmosDB, AWS DocumentDB, AWS DynamoDB
- **Version Control:** Git, Perforce, Azure Repos, AWS CodeCommit, Bitbucket
- **Management Tools**: Jira, Azure Boards, Trello, PivotalTracker, Confluence
- **DevOps**: Azure Pipeline, AWS CodePipeline, AWS CodeDeploy

Certifications

May 2021   AWS Certified: Solutions Architect Associate

May 2021   Microsoft Certified: Azure Data Engineer Associate

Apr 2021   Microsoft Certified: Azure Solutions Architect Expert

Mar 2021   Microsoft Certified: Azure AI Engineer Associate

Oct 2020   Microsoft Certified: Azure AI Fundamentals (AI-900)

Oct 2020   Microsoft Certified: Azure Fundamentals (AZ-900)

Education

Jan 2016 -   **Master of Applied Computing: Computer Science**
Apr 2017   *University Of Windsor - Windsor, ON*

Aug 2011   **Bachelor of Engineering: Computer Science**
- Jun 2015   *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 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]*

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

Meeting Cost Estimator *[Jun 2020 - Aug 2020]*

- <u>Role:</u> Team Lead/ Solution Architect
- <u>Technologies Used:</u> 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]*

- <u>Role:</u> Team Lead/ Solution Architect
- <u>Technologies Used:</u> 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 2019]*

- <u>Role:</u> Team Lead/ Solution Architect
- <u>Technologies Used:</u> 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]*

- <u>Role:</u> Team Co-Lead
- <u>Technologies Used:</u> 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]*

- <u>Role:</u> Team Lead
- <u>Technologies Used:</u> 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.