

Harekam Singh, M.Eng (Eng. Mgmt.) and B.Tech (IT)

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Experienced contributor with a demonstrated history of working in the computer software industry for more than 5 years. Skilled in software development, web applications, algorithms, solution architecture with established global exposure. I hold permanent residency and am authorized to work for any employer in Canada with proven ability for remote work.

SKILLS

Data Structures | Algorithms | Microservices | Database Design | Software Architecture | Software development lifecycle | Java | Javascript | Node.js | MongoDB | React.js | Redux | HTML | CSS | MySQL | Neo4j | Python | Redis | Typescript | SaaS | AWS.

PROFESSIONAL EXPERIENCE

Amazon (AWS)

Duration – October 2019 - Present

Title – Software Development Engineer

Job Responsibilities:

- Part of AWS commerce platform, which handles invoicing and billing for AWS customers.
 - Successfully launched invoicing report which provides summary to customers.
 - Worked on Foreign exchange on invoicing which required handling of various use cases based on different countries.
 - Improved operations load by making services Full CD.
 - Created service to automate backfilling of historical billing data for the new projects.
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University of Ottawa - IBM Canada

Duration: April 2019 – August 2019

Title: Capstone Project

Job Responsibilities:

- Conduct requirements gathering session with stakeholders to understand underlying problem.
 - Identify Business Objectives along with stakeholders and determining the scope of the work.
 - Perform market research and do a competitive analysis to create a compelling value proposition for the client.
 - Perform cost-benefit analysis of all possible solutions and outline the pros and cons of each. Outline the different risks associated with implementation of shortlisted solutions.
 - Coordinate with stakeholders (IBM, Department of National Defence, and the project team), facilitate and participate in kick-off meetings.
 - Prepare presentations for the suggested proposal and provide a demo to business.
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CybernetIQ**Duration: April 2019 – August 2019****Title: Full Stack Developer (Part-time)**Job Responsibilities:

- Part-time developer during my Masters.
 - Addition of new features to support different network router to analyse security loopholes.
 - Optimization of firewall security bug notifier and logger.
 - UI and backend bug fixing to improve user experience.
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Mahindra Comviva**Duration: September 2016 – August 2018****Title: Senior Engineer**Job Responsibilities:

- Designed and developed engagement solution for a product called [Palmleaf](#).
 - Designed a framework for Bot Creation as a part of engagement solution for [Palmleaf](#).
 - Responsible for architecture and building of micro-services as well as SaaS cloud solution (multi/single tenant).
 - Responsible for handling and leading of team. Performing quality review.
 - Developed web-app of Palmleaf using React and Redux.
 - Developed Digital Banking Experience Platform (DBXP) using the same Bot framework.
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Click Labs**Duration: April 2015 – September 2016****Title: Software Developer**Job Responsibilities:

- Designed databases and developed backend of 6 projects.
 - Standardized optimal coding structures.
 - Optimized nearby fleet search algorithms used in most of the projects developed under the company.
 - Improved architecture of custom calendar/slots which is used to manage fleet schedule.
 - Responsible for leading the back-end team, training new recruits, and performing quality review of the team.
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AWARDS

- **2017** | 1st prize in hackathon conducted by **Mahindra Comviva**.
 - **2015** | Star of the Quarter Award at **Click Labs**
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ACADEMICS

- **2019** | M.Eng (Engineering management), **University of Ottawa**
- **2014** | B.Tech (Information Technology), **Guru Gobind Singh Indraprastha University**