Harekam Singh

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EDUCATION

University of Ottawa
Masters in Engg. Management
Expected Aug 2019 | Ottawa, CA

GGSIPU
B.Tech in Information Technology
Aug 2014 | New Delhi, India

LINKS

Github:// @harekam
LinkedIn:// @harekamsingh
StackOverflow:// @harekamsingh
NPM:// @harekamsingh

COURSEWORK

Graduate
Project Management
Data Science
Big Data
Strategic Marketing
Corporate Finance
Managerial Accounting

Undergraduate
Data Structures
Fundamentals of Algorithms
Database Management
Object Oriented Programming

Online
Machine Learning(in Progress) Andrew Ng
Machine Learning from Udemy

SKILLS

Managerial Skills
Analytics • Product Management • SDLC
Project Scheduling • Marketing Strategy
Requirements Analysis • Leadership • Agile

Relevant Skills
Data Structures • Algorithms • SaaS
Continuous Integration • Microservices

Programming
Over 5000 lines:
JavaScript • Node.js • Socket.io
MongoDB • Mocha • Chai
Over 1000 lines:
Java • React.js • Redux • HTML • CSS
MySQL • Neo4j • CouchDB
Familiar:
C • C++ • Python • React-Native
Redis • ElasticSearch • Typescript

EXPERIENCE

University Of Ottawa | Teaching Assistant
May 2019 – Present | Ottawa, Canada
- Assistant to Prof. Caroline Barrière for SEG3125-Analysis and Design of UI.

CybernetIQ | Full Stack Developer
April 2019 – Present | Ottawa, Canada
- Addition of new features, optimizing and bug fixing.

Mahindra Comviva | Senior Engineer
Sept 2016 - Aug, 2018 | Delhi NCR, India
- Architecture, Designed and Developed **Palmleaf Product's Engagement Module**.
- Designed a **framework for Bot Creation**.
- Responsible for **architecture and building of micro-services** as well as SaaS cloud solution (multi/single tenant).
- Responsible for performing quality review for the team and leading them.
- Developed web-app of Palmleaf in **React.js and Redux**.
- Developed **Digital Banking Experience Platform** (DBXP) in MFS.

Click Labs | Software Developer
April 2015 – Sept 2016 | Chandigarh, India
- Designed database and developed backend of **six projects**.
- Standardized optimal coding structures.
- **Optimized nearby fleet search algorithms** used in on-demand products.
- **Improved architecture** of custom calendar/slots.
- Responsible for **leading the back-end team**, training new recruits and performing quality review of the team.

Open Source Contributor | Contributor
Jul 2014 – Present | Remote
- Developed **fifteen open source projects** and **two automation tools**.

PROJECT EXPERIENCE

- **Donna**: NLP based voice and text assistant that will schedule a meeting based on trends, positive and negative sentiments. *(1st prize in hackathon)*
- **Clinic World**: Architect and developer of the backend for interactive portal for doctors and patients. Also responsible for management of schedule, appointments for doctors and lab rooms. *(Neo4j, MongoDB, Node.js, socket.io)*
- **TempClick**: Architect and developer of the backend for platform to manage and search contractual jobs.*(Node.js, MongoDB)*
- **Holmes-Network**: Tool that provides analytics of tweets. *(Elasticsearch, Node.js)*
- **Serv2day**: Architect and developer of the backend for app that caters to household services. *(MongoDB, Node.js, socket.io)*
- **JScheduler**: Developed job automation tool that runs batch cycles at specified time and keeps track of real-time logs.*(Java, J2EE, MySQL)*
- **JFlow**: Tool for debugging that generates a tree from the product's flow. *(Java)*

AWARDS

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