

Harekam Singh

harekamsingh.com | harekamsingh@gmail.com | +1 613.981.0106

EDUCATION

University of Ottawa

Masters in Engineering
Management

Expected Aug 2019 | Ottawa, CA

GGSIU

B.Tech in Information Technology

Aug 2014 | New Delhi, India

LINKS

Github:// @harekam

LinkedIn:// @harekamsingh

StackOverflow:// @harekamsingh

NPM:// @harekamsingh

COURSEWORK

Graduate

Project Management

Six Sigma

Strategic Marketing

Big Data

Corporate Finance

Managerial Accounting

Undergraduate

Data Structures

Fundamentals of Algorithms

Database Management

Object Oriented Programming

SKILLS

Programming

Over 5000 lines:

JavaScript • Node.js • Hapi.js

MongoDB • Socket.io • Mocha • Chai

Over 1000 lines:

Java • React.js • Redux • HTML • CSS

MySQL • Neo4j • CouchDB • WebSocket

Familiar:

C • C++ • Python • React-Native

Android • Redis • ElasticSearch

Express.js • Typescript

Relevant Skills

Data Structures • Algorithms • Git

Continuous Integration • Microservices

Tools

Microsoft Project

EXPERIENCE

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**: Developed 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**: Developed a tool that provides analytics of tweets from twitter. (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. (J2EE, MySQL)
- **JFlow**: Developed tool for debugging that generates a tree from the product's flow. (Java Swings)

AWARDS

2017 1st prize in hackathon conducted by Mahindra Comviva.

2015 Star of the Quarter Award at Click Labs.

ONLINE COURSES

Machine Learning(in Progress) By Andrew Ng

Machine Learning from Udemy