

VAIBHAV NACHANKAR

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SKILLS

- Python, Javascript, Java, Django, NodeJS
- ExpressJS, ReactJS, AngularJS, Flux, Numpy
- AWS, GCP, Heroku, Git, Maven
- MySQL, MongoDB, DynamoDB, Redis
- Elastic Search, RabbitMQ
- Photoshop, Illustrator, Sketch, Marvel

RELEVANT COURSES

- Machine Learning
- Engineering Data Intensive Scalable Architecture
- Lean Entrepreneurship
- Distributed Systems
- Intermediate Java
- Human Computer Interaction for Executives

PROFESSIONAL EXPERIENCE

- **Jan 2018 – Current**
Research Assistant | [Articulab - CMU](#) | Pittsburgh, PA
 - Building full text search for SARA (Socially-Aware Robot Assistant) project in Java, using Elastic Search.
- **Apr 2014 – May 2017**
Tech Lead, Backend | [Haptik, Inc](#) | Mumbai, India
 - First engineer hired in the backend team at a very early stage of the startup.
 - Worked closely with the CTO on all development fronts through the initial funding rounds.
 - Later, managed a team of 7 Full stack engineers and working closely with the Product and other parallel engineering teams to ideate, design, prototype and deploy features and applications.

RELEVANT PROJECTS (many more on [vaibhavnachankar.com](#))

- **Recommendation System** | Atomite - Carnegie Mellon University
Working as a Project Manager for the Capstone Project with Atomite, Inc. Building a similar users recommendation system to nudge users to share their information for rewards in a post-GDPR Europe.
- **Handwriting Recognition** | Carnegie Mellon University
Using a Neural Network, created a model to learn and classify handwritten letters.
- **Mini Siri** | Carnegie Mellon University
Using Multinomial Logistic Regression, created two models (contextual and non-contextual) for extracting flight information search terms from natural language
- **Not-Hotdog App** | Carnegie Mellon University | <https://tinyurl.com/not-hotdog-app>
Classifies an image into Hotdog or not using Google's Cloud Vision API, Java deployed on Heroku server
- **Athena - Web based Chat App** | Haptik Inc
Owned development of Haptik's Web chat tool used by around 300 "Haptik-assistants". Was responsible for redesigning the UI and revamping the tool from JQuery to ReactJS / Flux.
- **Chat Allotment Algorithm** | Haptik Inc
Probably the most challenging part of my tenure at Haptik was developing the first algorithm to distribute incoming chats to Haptik assistants. Iteratively updated the system from sheer round robin to a complex "on-demand" allotment algorithm using Python/Django, Celery and RabbitMQ.

EDUCATION

- **May 2018**
Master of Information Systems Mgmt.
Carnegie Mellon University, Heinz College
Pittsburgh, PA
- **May 2013**
Bachelor of Engg. in Computer Science
University of Mumbai, RGIT
Mumbai, India