PARTH MEHTA

AI & FULL STACK DEVELOPER

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Bangalore

P A S S I O N : Building IT and IoT products which are fun, simple and have an impact on people, communities and businesses.

S K I L L S :

AI & ML	Python, Data Wrangling, Deep Learning, Natural language processing.
Backend	Python, NodeJS, MongoDB, SQL, Redis, RabbitMQ.
DevOps	TeamCity, Docker, Kubernetes, NewRelic monitoring
Frontend	HTML5, JavaScript, Bootstrap, React

A C H I E V E M E N T S / C E R T I F I C A T I O N S :

- Andrew NG`s course on Machine Learning | 2019
- Awarded best performer of the year at Viva Connect Pvt. Ltd. | 2013

E X P E R I E N C E :

MACHINE LEARNING ENGINEER | YOUPLUS PVT. LTD. – Aug 2019 – Oct 2019

- **Productionizing Video Analytics models**

    - Handling the entire pipeline of Video Analytics.

    - Productionize, improve the code quality, scalability and performance of AI models.

    #Python #MongoDB #Microservices #Docker #RabbitMQ #Kubernetes #TensorFlow #Keras

    #New Relic #JIRA

- **Creating an online course on NLP with Google BERT, XLNET etc.**

    #Deep Learning #NLP #Text Classification #SQuAD #Text Similarity #NER #Text Summarization

- **Personalized speech to text model**

    - Building speech to text model which is personalized for an individual.

    #Python #Kaldi #Gentle #Aeneas #Force Alignment #JIRA

- **Chatbot based on knowledge base**

    - #DialogFlow #Python

TECH LEAD | HCL TECHNOLOGIES – May 2017 – present

- **Building the backend of Intel.com**

  - Experience of leading a team of 12 people.

  #NodeJS #MongoDB #Python #Microservices #Docker #TeamCity #Kubernetes #JIRA

- **Refurbished PC data to predict the rate of depreciation of new PC market**

  - Predicting the rate of depreciation of the current market due to the influence of the refurbished market.

  #Regression models #Linear Regression #XGBoost #SQL

FULL STACK DEVELOPER | LEAF TECHNOLOGIES – DEC 2014 – JAN 2017

- **Build the backend of home automation system: [AIR](AIR)**

  #Experience of leading a team of 4 people.

  #Built MQTT and REST API backend system for home automation solution.

  #Built company's website.

  #IoT #NodeJS #MongoDB #Python #MQTT #AWS #Redis #Payment Gateway

SOFTWARE DEVELOPER | VIVA CONNECT Pvt. Ltd. – JAN 2012 – DEC 2014

- **Backend and Android apps for fast food chains: FAASO'S, [Box8](Box8)**

  #Android #SQLite #MEAN Stack #Python #Payment Integration #REST API's #WCF

- **Developing and maintaining a VoIP server for an in-house call center for ordering from multiple vendors.**

  #FreeSwitch #Perl #MySQL #NodeJS #AngularJS MongoDB

- **Developed and verified features for HIPAA compliance certification of an EHR with ICSA Labs:** #.Net #WebForms #MSSQL #HL7

- **MIT Media Labs product: Wearable ECG device to detect cardiac diseases: TED Talk**

  #IoT #Android #NodeJS #MongoDB #Shell Scripting

- **Android App and backend for Safe for Baby App, which utilizes bar-code scanning technology to determine if products contain ingredients that are known CMRs (carcinogenic, mutagenic and toxic to reproduction)**

  #Android #PHP #MySQL

E D U C A T I O N :

BACHELORS'S IN COMPUTER ENGINEERING

Mumbai University · 60% (Final year) · 2007 – 2011

I N T E R E S T : #travelling #reading #startups #biotech #movies #sitcoms #tech-news

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