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BANGALORE

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WEBSITE**:** [parthmehta.xyz](https://parthmehta.xyz/)

AI & Full stack developer

Bangalore ALEX.JONES@DIGITALCO.COM

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PARTH MEHTA

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| --- | --- |
| PASSION: | Building IT and IoT products which are fun, simple and have an impact on people, communities and businesses. |

SKILLS:

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| --- | --- |
| 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 |

ACHIEVEMENTS/CERTIFICATIONS:

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

EXPERIENCE:

**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**](https://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**](https://www.youtube.com/watch?v=ijZRRaATqVI)

#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**](https://play.google.com/store/apps/details?id=com.done.faasos)**,** [**Box8**](https://play.google.com/store/apps/details?id=com.poncho&hl=en)

#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**](https://www.icsalabs.com/products?tid%5B%5D=4676)**:** #.Net #WebForms #MSSQL #HL7
* **MIT Media Labs product: Wearable ECG device to detect cardiac diseases:** [**TED Talk**](http://tedxtalks.ted.com/video/Saving-Lives-One-Phone-At-A-Tim)

#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

EDUCATION:  
**BACHELORS’S IN COMPUTER ENGINEERING**   
Mumbai University · 60% (Final year) · 2007 – 2011

INTEREST: #travelling #reading #startups #biotech #movies #sitcoms #tech-news