

RESUME

Parth Tandel

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EDUCATION

2012-2016	Dhirubhai Ambani Institute of Information and Communication Technology , Gandhinagar, Gujarat, India. Bachelor of Technology (Information and Communication Technology). CPI: 6.79/10
2011-2012	SGM Shiroya English School , Navsari, Gujarat Intermediate (C.B.S.E) Score: 84%(Aggregate)

RELEVANT COURSES

Introduction to Algorithms, System and Network Security, Human Computer Interactions, Operating system, Models of Computations, Coding Theory, Computer Graphics, Web Data Management, Optimization, Advance Radio Frequency

COMPUTER SKILLS

Languages: c, c++, Java, Python, PHP, JavaScript, CSS, html

Databases and Web Technologies: MySQL, PostgreSQL, MongoDB, PouchDB, CouchDB, CodeIgnitor, Play Framework, Loopback, Django, node.js, Angular.js, Apache, Nginx, AWS(EC2, S3, RDS), Gearman, Microsoft Azure

Tools: Git, photoshop, Premiere Pro, Workbench, Slack-API, Postman, Arduino, Raspberry PI, Beagle Bone

PROFESSIONAL EXPERIENCE

Freelance Developer – Backend Developer

Dec,16 – Current

- Working on loopback.js a node.js Framework

Thought(x) – Full Stack Developer

May, 16 - Nov, 16

- Indian Institute of Bombay Incubated Startup – Tools For writers and blogger to read content from different RSS feeds and write and publish content over all domains like Medium, WordPress, Drupal, Blogger etc.
- Worked on AngularJS, Django-Rest framework for website development.
- Worked on Spacy, Gensim, scikit learn for topic modeling and clustering of different related articles to form a story.
- Research on finding Different Ways to optimize and maximize the results from Gensim.
- Built google chrome extension and Mozilla Firefox plugin using google chrome APIS.

PlexusMD – Full Stack Developer

Dec, 15 - Apr, 16

- PlexusMD is an exclusive professional network for doctors and healthcare organizations.
- Worked on PHP CodeIgnitor, Gearman, Apache SOLR

RESEARCH

Enterprise Search Engine

May, 15 - July, 15 (Team Size - 3)

Guide: **Prof. Prasenjit Majumdar**

- Studied algorithms such a BM25, Cosine Similarity and Td-idf for information retrieval. Found out different ways to improve indexing in a structured SQL database.
- Worked on Apache Lucene, Apache Solr, Zookeeper to set up a search engine that indexes data on different clusters on different machine over a network.

ATM for Blinds

July, 14 - Nov,14 (Team Size - 7)

Guide: **Prof. Prasenjit Majumdar**

- Surveyed ATM system in India and designed an ATM based on HCI principles that can be used by blind people.
- Wrote a term paper to explain the design and research and observations carried out for the same.

PROJECT WORKS

Stock Falcon – (Tech Lead / Full Stack Developer)

Jan, 15 - May,15 (Team size: 10)

Guide: **Prof. Asim Banerjee**

- Built an online platform that predicts stock prices on NIFTY index India. Also, the user can maintain his/her stock and check live profits/loss per his stock as well as over all profit/loss.

Student Resource Network

Oct, 14 – Nov,14 (Team Size: 2)

Guide: **Prof. Naresh Jotwani**

- Developed a student sharing network using TCP sockets and SQL database with user credentials where they can share their resources with their respective batch mates.

INTERESTED AREAS

Data Science, Data mining, Information Retrieval, Machine learning, Natural language processing, Artificial intelligence.