PRATIKKUMAR K PRAJAPATI

Dhirubhai Ambani Institute of Information and Communication Technology

Email: 201711004@daiict.ac.in, ppratik.cr7@gmail.com   **DOB:** February 11, 1993

Address: C-14, Samruddhi Tenaments, Gotri Road, Vadodara-390021 (Mbl. : +91 9726351954)

EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
M.Tech(ICT)	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat	2017-2019	7.86
B.E	Government Engineering College, Gandhinagar, Gujarat	2011-2015	8.14
Intermediate/+2	D R Amin Memorial School, Vadodara, Gujarat	2009-2011	81.00%
High School	Utkarsh Vidyalaya, Vadodara, Gujarat	2008-2009	87.38%

SKILLS

Expertise Area/Area(s) of Interest	(Expertise Area) : Machine Learning, Deep Learning Neural Networks, Natural Language Processing, Management Skills, Software Automation Testing, Insurance Domain Knowledge. (Area of Interest/ Moderate) : Image Processing, Computer Vision, Data Analysis, Information Retrieval, Web Development and Graphic Designing.
Programming Language(s)	(Good) : C++, Python; (Moderate) : C, Java, C#, SQL (Basic): Scala
Tools and Technologies	Tools - (Good): MATLAB, Jupyter Notebook, Eclipse; (Moderate): Visual Studio, Git, SVN, CorelDraw X7, Camtasia; (Basic): MongoDB, Apache Tomcat Server, MySQL, MS SQL Server 2008 & 2012, Nagios and Puppet, MVC 4.0, XCode. Testing and Automation Tools and frameworks - UFT 12.5 (QTP), TOSCA Commander, Auto IT, Selenium Library, Protractor framework with Cucumber. (Basic): Apache Spark, Hadoop, AWS
Technical Elective(s)	Machine Learning and Pattern Recognition, Deep Learning, Image Processing, Computer Vision, Information Retrieval, Statistical Communication Theory

PROFESSIONAL EXPERIENCE/INTERNSHIPS

LTI (L&T Infotech) (Aug, 2015 - Aug,
Software Developer (Job) 2017)
Guide: Mr. Nilesh Pushpangathan and Mr. Mohammad Sohail Team Size - 22

ShapeMyApp Software Solutions Pvt. Ltd (May, 2014 - May,
Final Year Project and Internship 2015)
Guide: Guide: Mr. Vijay Pawar and Mrs. Shruti Pawar Team Size - 3

PROJECTS

Q-Scan (May,2014 - May,2015)
Scan QR code and Barcode using iOS 8 platform. Internship at ShapeMyApp Software Solutions Team Size - 3
Guide: Mrs.Shruti Pawar and Mr. Vijay Pawar

ASPIRE Campus Magazine (Jan,2014 - Sept,2014)
Head and Graphic Designer of the first official campus magazine "ASPIRE" of GEC-Gandhinagar Team Size - 7
Guide: Prof. Parul Popat

Travelers Insurance - CDE Project (Nov,2015 - Aug,2016)
I was handling the Front-end of Policy Issuance Applications for the US based client Travelers Insurance. Team Size - 22
(Also introduced to Agile Methodology) Role- Software Developer in C# .NET
Guide: Mr. Sunil Posani and Mr. Nilesh Pushpangathan

COE(Center Of Excellence) R&D Automation (Sep,2016 - Aug,2017)
I was working for the R&D team of LTI, where we used to work on various platforms and on various Team Size - 20
automation tools and frameworks to provide PoC Client Application Automation (Mostly DuckCreek).
Major work was on FAST tool (LTI product based on Selenium Library) Role- Automation Engineer
Guide: Mr. Mohammad Sohail and Mrs. Barnali Biswas

Future Stock Price Prediction using Twitter Sentiment Analysis (Jan,2018 - June,2018)
The Neural network based model helped in predicting future stock price using CNN(Acc.: 82.32%) and Team Size - 2
RNN/LSTM (RMSE: 5.81). Correlation between the change of price and the Twitter Sentiment Analysis.
Guide: Prof. Prasenjit Majumdar and Prof. Suman K Mitra

FactSet Research Systems Inc. - Optical Character Recognition (OCR) Enhancement. (May, 2018 - Present)
We are trying to achieve High accuracy of Optical Character Recognition for Numeric Data. We are Team Size - 2
working on Preprocessing, Character Segmentation and its Recognition, Error Detection, its Classification
and Correction using Machine Learning Approaches. Currently we have achieved 92% Accuracy on 600
dpi images, but have to work this up on 300 dpi.
Guide: Prof. M.V.Joshi

SECCURE library based quick log chain development (Jun, 2018 - Present)
It is research based project for log chains maintenance. It includes Encryption, Decryption, Hashing and Team Size - 1
Filtering and Searching hash logs using Cuckoo Filter with analysing different optimisations to achieve
best timings.
Guide: Mrs. Gayatri S Jain

POSITION OF RESPONSIBILITY

- Member of Student Placement Committee, DAIICT From Nov, 2017 to Present

- Member of Sambhav Club , DAIICT from Nov, 2017 to Present

- Teacher Assistant for Algorithms in Semester 1 under Prof. Puneet Bhateja

- Teacher Assistant for Web Programming in Semester 2 under Prof. Lavneet Singh

- Teacher Assistant for Data Structures in Summer Semester under Prof. Manik Lal Das

- Coordinator of Youth Run Gandhinagar under SYNAPSE team.

- Member of YUVA Unstoppable(NGO), Gandhinagar from 2012 to 2015.

AWARDS AND ACHIEVEMENTS

- Got the "AMUL VIDYASHREE AWARD" from Mr. Kiran More for topping 10th SSC Boards.

- Machine Learning - Coursera (Andrew NG) MOOC certified from Stanford.

- Introduction to Machine Learning - Eckovation MOOC certified.

- I am IKM ASP.NET 4.5 in C# certified.

- I have completed Lean Six Sigma Certification Yellow Belt Introductory Workshop.

- I have received "DREAM Team" award by LTI for my exceptional contribution to LTI business in the field of Automation Testing.

- Certified with B2 Grade in BULATS English Language from Cambridge in 2014.

- Played for college team at the zonal level for 4 years(2011-14) in GTU inter-college. I was called for final selections in the State football team(U-21, Gujarat) at Surat.

- Achieved GATE CS AIR 1873 (45.28 Marks, GATE Score - 596) - 98.38 percentile.

- Certified with A Grade in C Language from RAS Academy in 2012.

- Anchor the 1st ever "YUVA JALSO GANDHINAGAR ".

INTERESTS AND HOBBIES

- Attend interesting technology meet-ups and take part in various competitions.

- Football, Cricket and Table Tennis.

- Gymming, Yogasana and Meditation.

- Be a Contributor in the community.