

RESUME

GAURAV ROHIT

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Gujarat, India.



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Career Objective:

Seeking a position to utilize my abilities and skills in the cutting edge technological industry that offers professional growth while being resourceful, innovative and flexible.

Qualification:

- Master of Technology in Communication Engineering
- PGDIA (Post Graduate Diploma in Industrial Automation)
- B.E (Bachelor of Engineering) in ELECTRONICS & COMMUNICATION

Academic Profile:

Qualification	Board/University	Year of Passing	Percentage/CGPA/Score
M.Tech	Nirma University	2017	7.27
GATE Score	-	2016	274
GATE Score	-	2014	281
B.E.	GTU	2014	6.64
XII class	GSEB	2010	62.80%
X class	GSEB	2008	81.38%

Technical Skills:

Programming Languages	: Basics of C, C++
Simulation Tools	: MATLAB, HFSS, Network Simulator - 2
Operating system	: Windows, Linux(Ubuntu)

Work Experience:

Currently I am working as Process Engineer at Pacific Cyber Technology Pvt. Ltd.

Academic Projects :

➤ Major Project in Master of Technology:

Title of the Project : Mode Selection and Resource Allocation using Sum Rate Maximization in D2D Communication

Software used : MATLAB

About the Project : From the past few years, there is massive increase in cell phone users and also in its applications. Because of limited bandwidth, it is necessary to develop the techniques which can give higher spectral efficiency. One way to improve spectral efficiency is Device-to-Device (D2D) communication. In this project, the main focus is on the mode selection and resource allocation using sum rate maximization. An algorithm is developed to select the best mode by BS to maximize the sum rate for communication.

➤ During Masters of Technology:

Title of the Project : Design and fabrication of Microstrip Antenna

Software used : HFSS, VNA

About the Project : A microstrip antenna of length 100mm, width 90mm and thickness 1.35 mm is designed using HFSS Software and then fabricated. The substrate material used is FR4. A rectangular patch of length 25.5mm and width 29.5mm is used which is resonating at 2.3GHz.

➤ **During Bachelors of Engineering:**

Title of the Project : IRIS SEGMENTATION

Software Used : MATLAB

About the Project: Iris segmentation refers to the process of automatically detecting pupillary (inner) and sclera (outer) boundaries of an iris in an image. This process helps in extracting features from the distinctive texture of the iris. Iris segmentation plays an important role in the process of iris recognition because improper segmentation can lead to improper feature extraction from less discriminative regions (for eg. Eyelids, eyelashes, etc) thereby reducing its efficiency.

Industrial Training:

Undergone 4 months of Industrial Training on Industrial AUTOMATION at Prolific System and Technologies Pvt Ltd. Vadodara.

Personal Skills:

- Hardworking towards achieving the Goal.
- Target Oriented.
- Positive attitude towards every aspect and being open minded.

Personal Profile:

Name : GAURAVKUMAR DINESHCHANDRA ROHIT

Father's name : DINESHCHANDRA MANGALBHAI ROHIT

Date of Birth : 26-01-1993

Gender : Male

Marital Status : Single

Hobbies : Chess, Cricket, Badminton

Languages Known : English, Hindi and Gujarati

Address : Rohit Street, Near Janseva Hospital,
Kachigam Road, Vapi-396191,
Gujarat, India.

Declaration:

I hereby declare that the above written particulars are true to the best of my knowledge and brief.

Date: 27 January 2016

Place: Vapi

Gaurav Rohit