

# Jainul Patel

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## EDUCATION

### Masters of Science, Software Engineering

Aug 2017 – May 2019

San Jose State University, CA, USA

### Bachelors of Engineering, Electronics and Communication

Jun 2011 – May 2015

Gujarat Technological University, Ahmedabad, India

Award: Scholarship for best academic performance

## WORK EXPERIENCE

### Capgemini India Pvt. Ltd, Senior Software Engineer

July 2015 – July 2017

- Developed a Mobile Application for a food and agricultural industry to handle their client accounts, activities with the clients, manage opportunities and finding client potential that can tell the share of the industry in client business.
- Contributed to CG- Portal App which is Google play store like application using Xamarin iOS.
- Developed a Mobile App with key functionalities of Managing and maintaining a database with 4 million records of cylinders, report generation and printing using portable Bluetooth Printer and Device location logging
- Technologies: Xamarin iOS and Xamarin Android, C#, XCode, Azure Webservices, MySql

### Institute for Plasma Research, Intern

Jan 2015 – May 2015

- Developing various control of NBI power supply system.
- Designing Operating sequence of power supply system
- Processing and management of acquired data for Neutral Beam Injection.
- The solution relied on the base of PXI bus and Windows operating system and LabView as the programming language.

### Bharat Sanchar Nigam Limited, Trainee

June 2013 – Dec 2014

- Silver Certificate: Digital Switching Systems, Digital Transmission Systems, and Telecom Support Infrastructure
- Gold Certificate: Optical Fiber Technology, Broadband Technology, Broadband Technology
- Platinum Certificate: IP Networking & Cyber Security and Mobile Communication

### San Jose State University, Teaching Assistant

Aug 2017 – Present

- Helping and solving queries of students in the course of Analog circuits
- Grading student assignments, homework and exam papers.

## PROJECTS

### Dropbox Application Prototype (ReactJS, NodeJS, MySQL, Express)

Aug 2017 – Oct 2017

- Developed an application using 3 tier distributed architecture with modules of user account, file upload, file sharing, activity report and group sharing.
- Logs to keep track of user activities.
- JMeter, MochaJS and Junit for performance testing.

### Hotel Booking Management Systems (Spring, JSP, Servlet, SQLite, MVC)

Jul 2017 – Aug 2017

- Designed an application with modules like admin, renting and booking.
- Used Wildfly as the server and Oracle 9i for database.
- Junit for performance testing.

### GSM based wireless noticeboard (Embedded C, Keil, Arduino, Visual Basic)

July 2014 – Dec 2014

- Designed a model for displaying notice on electronic notice board by sending messages in form of SMS through mobile.
- A wireless transmission system with hardware containing Microcontroller 8051 which is interfaced with GSM Modem via Max232 level convertor, 64K EEPROM chip, real time clock DS1307 and LCD display.

## SKILLS

Operating Systems:

Mac, Windows, Linux

Technologies/Framework:

J2EE, JavaScript, C#, C++, Objective C, REST, Spring, MVC, NodeJS, ReactJS, AWS, EC2

Database:

MySQL, Oracle9i, SQLite, MongoDB

Testing:

Junit, JMeter, Mocha

Tools:

Eclipse, Xamarin Studio, XCode, GitHub, SVN, Microsoft Visual Studio