

## HIMANSHI CHETWANI

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[Github-Himanshi-Chetwani](#) | [LinkedIn-Himanshi-Chetwani](#)

### EDUCATION

**Rochester Institute of Technology**, Rochester, NY

**GPA: 3.67**

**Master of Science in Computer Science**

**Expected Graduation: May 2020**

*Related Courses: Algorithms, Computational Problem Solving- Data Structures with Python, Client Design and Web Development, Computer Networks, Data Management and Data Mining, Big Data Analytics, Database Systems Implementation*

**Visvesvaraya Technological University**, Bangalore, India

**September 2012-June 2016**

*Bachelor of Engineering in Information Science and Engineering*

### TECHNICAL SKILLS

**Programming Languages & Databases:** Java, Python, R, JavaScript, C, HTML, CSS, MySQL, Cassandra, PostgreSQL, Redshift

**Frameworks & Other Technologies:** Express, Nodejs, React, Angular, AWS, Agile, Numpy, Pandas, Git, SDLC, GitHub

### PERSONAL PROJECTS

#### WEATHER FORECAST | User Interface Designing (UI)

**August 2019-Current**

- Designed and developed a web application which selects a city from a drop-down menu
- Displays a five-day forecast is updated for the city selected and weather suggestion
- No manual event listeners added (binding offered by framework)
- Dealing with CORS problems and errors

**Technology Used: React, JavaScript, Moment.js library, RESTful API**

#### GLUCOSESENSE | Full Stack

**January 2016- March 2016**

- Created an android mobile application using Java on Android Studio with MySQL in the backend.
- Reading glucose levels of diabetic patients from the Bluetooth module connected to the acetone sensor
- Individual profiles for each user with log-in and sign-up forms
- Connecting and disconnecting to Bluetooth, measuring glucose levels and storing patient history in Back End

**Technology Used: Android Studio, Java, MySQL, Arduino, SQL**

#### Digital Marketing

**May 2019-August 2019**

- Designed and Developed a digital marketing tool to calculate the business loss for a company based on KPI - Customer Lifetime Value and Churn rate
- Tool also lets the company know the percentage of customer conversion when new customer data comes in
- Real time processing of business loss based on updated data

**Technology Used: AWS, Redshift, Python Flask, HTML, CSS**

#### Battleship Game | UI and Game Development

**January 2019-May 2019**

- Simulated the battleship game using Java and javafx
- Used Java RMI to remotely connect to the server to help connect to the server

**Technology Used: Java, Javafx, RMI, TCP/IP Client-Server Interface**

### PROFESSIONAL EXPERIENCE

**Robert Bosch Engineering Solutions Pvt Ltd**, Bangalore, India | Full Time

**September 2016-June 2018**

Associate Software Engineer (Full Time)

- Developed and Tested Antilock Braking System, Traction Control, Cruise Control, Hill-Hold Control software
- Implementing CAN Protocol for the communication between the microcontroller and the software
- Reading, Analyzing and Debugging the data from the sensor to ensure the correct working of the in-built software
- Built product to automate documentation to reduce human error by 70%

**Technology Used: C Programming, Python**

**Indian Space Research Organization, ISRO**, Bangalore, India | Internship

**August 2015-January 2016**

Software Engineering Intern (Intern)

- Encrypted messages in images that can be used in defense and space research
- Created a software which encrypts images without losing quality

**Technology Used: C ++, Algorithms, Data structures**