

# Himanshu Patel

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## Education

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**Syracuse University**, Syracuse, NY

**Aug 2018 -- Anticipated**

*M.S. in Computer Science (GPA: 3.4)*

Courses: Social Media Data Mining, Computer Architecture, Design and Analysis of Algorithm

**Gujarat Technological University**, Ahmedabad, India

**Aug 2014 – Jun 2018**

*Bachelor of Engineering in Computer Engineering (GPA: 8.7 / 10)*

## Skills

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- **Programming Languages:** Java, C/C++, Python, HTML, CSS, JavaScript, PHP, C#, ASP.NET.
- **Frameworks/Software:** Git, NodeJS, ReactJS, ES6, Machine Learning, Docker, Big Data, Google Cloud, AWS, Android, Hadoop.
- **Databases:** MySQL, Oracle SQL, MongoDB, Firebase

## Experience

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**Moxi Platform Inc.**

**Syracuse, NY**

*Software Developer Co-op*

**Jul 2019 – Oct 2019**

- Designed and Developed RESTful APIs using Java Spring Boot which fuels Microservice Architecture linked with iOS and Angular Application and Implemented Flask APIs to integrate the application with the DealerVault.
- Migrated the Development Environment including Postgres, Tomcat, and Redis Server to the Docker to increase shipping efficiency of deployments.
- Developed critical components of the application which includes Spring Controllers, Hibernate Entities, and Spring Hibernate DAO to interact with the Postgres SQL Server.
- Built the customer search feature on front-end using angular to enhance the operation of dealerships.

**Alian Software LLC.**

**Anand, India**

*Software Developer Intern*

**Jul 2017 – Mar 2018**

- Formulated the efficient thin client system for Windows Server to ease the access of server.
- Advanced user management system for the thin client system to ease the management by 20%.
- Enforced thin client support for the Raspberry Pi using Python library for adequate access.

## Projects

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**Devbook – A Social Network for Developers** (MongoDB, Node JS, React JS, Bootstrap):

**Jun 2019**

- Made a Full Stack Social Network website which included various features like user profile, authentication, timeline, post section, comments and likes.
- Deployed the web application on Heroku and Integrated JSON based Web Token for the authentication of the user in the Node application in the application.

**Mobile Recharge Platform** (Java, HTML, CSS):

**April 2018**

- Developed a web application that allows users to make a recharge for their cellular network.
- Build RESTful web service using Java Server Pages with JDBC components to connect the Database.
- Developed user interface using CSS Framework Bootstrap and integrated it into JSP Project.

**Hate Speech Detection** (Python, Twitter API, Scikit Library):

**Nov 2018**

- Designed and implemented a Flask web application to fetch all the negative tweets for a particular user or hashtag to know the ethics of the topic or user.
- Used a Scikit Learn Tf-Idf and count vectorizer for feature extraction of the tweets.
- Deployed a Hate speech detection system on Heroku with Multinomial Naïve Byes, Support Vector Machines, and Logistic Regression to fuel the classification pipeline for exposing negative tweets.

**University Attendance System using QR Code** (Android, SQLite):

**Jul 2017**

- Designed an Attendance system using the Android App to mark student's attendance easily by the QR Code.
- Integrated the whole application to the university application system to ease the attendance system for professor.

## Research Paper

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- Patel, H., Patel, P., Shah, P. **Analyze Data Mining Algorithms for Prediction of Diabetes**. International Journal of Engineering Development and Research, Volume 5, Issue 3, 2017. Pages 466-473.