

Himanshu Patel

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Education

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

- **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

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

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

- 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.