HITEN GUPTA

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PROFESSIONAL PROFILE

Aiming to obtain Full-time position in the design, development, or maintenance of computing system and software or hardware products. Excellent time management skills. Works effectively with team members. **Available** Full-time 2019/2020

SCHOLARSHIP AND EDUCATION

Rochester Institute of Technology, M.S. Software Engineering: (**GPA: 3.46/4.00**)   **May 2020**
Scholarship awarded for Grad. Software Engineer
Scholarship awarded for Grad. Assistant with Department of Software Engineering

SKILLSETS

Programming Languages/Skills:	Java, JavaScript, C++, C#, Python/Django, Go, Java
Web Technologies:	jQuery, JSON, Azure, Docker, REST, Node.js, Jenkins
Database:	Oracle (SQL, PLSQL), MySQL, MongoDB, H2

PROFESSIONAL EXPERIENCE

IBM Data & AI (Software Developer Intern**)**   **September 2018 – July 2019**

- Design and Develop automation framework to centrally trigger Regression Tests of all teams under IBM Information Server (~18 teams worldwide).
- Handle several Jenkins CI pipelines for E2E testing of DB2.
- **Manager's Choice Award**

Graduate Assistant   **Jan 2018 – May 2018**

- Analyzed the performance of a self-adaptive system based on response time of the incoming requests. **Tools**: Java, C++, Web Simulators

Research Assistant   **August 2017 –Dec. 2017**

- Analyzed scheduling in a load balancer of a MAPE-K loop in any autonomous system. Orchestrated algorithm to schedule task relative to 'hard real time' in a Real Time Autonomous System.

PERSONAL PROJECTS

- Full Stack node.js application using RESTful routing and mongo DB - YELP-CAMP

  The application is a clone of yelp.com differing in that it is for famous Camping sites all over the world. The application supports the CRUD functionalities and user authentication (using passport.js and express.js).

- Full Stack ASP.NET core application using SQL server - FOOD-o-PEDIA

  A restaurant information website on ASP.NET core 2.0 platform using SQL server local DB. The application allows the members to add in restaurants and view relevant information for available restaurants. Application uses OAuth integrated on Azure platform.

  CRUD operations supported by the application after authentication. It is scalable to a production environment using necessary extensions.

- HOME DÉCOR

  The main demographics for the web application are the customers and suppliers. It has CRUD operations for all the models (user, Supplier and Security).
    - Hibernate used for mapping of database with the front-end using JSON
  Tools**:** Java SDK, Eclipse IDE, GitHub version control, UML

- WEB-CHECKERS

  A Java spark web application that allows users to play a game of checkers. This allows the players to sign in for the session and enter the game with the functionality of forfeiting, backing up moves.
  The project was completed in 4 releases and fully tested using Junit and developed in AGILE/SCRUM environment