HITEN GUPTA

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OBJECTIVE

Aiming to obtain Full-time position in the design, development, or maintenance of computing system and software products. Seeking opportunities from May 2020

EDUCATION

Rochester Institute of Technology, M.S. Software Engineering: (**GPA: 3.46**)   **May 2020**

SKILLSETS

Programming Languages:	Java, JavaScript, C#, Python/Django, Go, Java
Web Technologies:	Jenkins, jQuery, JSON, Azure, Docker, REST, Node.js
Database:	MySQL, MongoDB

ACHIEVEMENTS

- Scholarship for Grad. Assistant with Department of Software Engineering
- Co-Authored paper on Detecting Performance Regression using Evolutionary Algorithms Published paper in SSBSE '19
- Manager's Choice Award, IBM San Jose

PROFESSIONAL EXPERIENCE

IBM Data & AI (Software Developer Intern), San Jose, CA   *Sep '18 – July '19*

- Design and Develop automation framework to centrally trigger Regression Tests of all teams under IBM Information Server (IIS) and Watson Knowledge Catalog (WKC) standalone and CP4D environment.
- Developed and Maintained several Jenkins CI pipelines for Sanity testing of Information server.
- Design custom notifications for Jenkins result CI pipelines of IIS components Sanity Testing in Slack.
- Reviewed and assisted teams with their continuous integration frameworks.

Graduate Assistant, Rochester Institute of Technology   *Jan – May '18*

- Designed and developed analysis algorithm for the performance of a self-adaptive system based on response time of the incoming requests.
  - **Tools**: Java, C++, Web Simulators

Research Assistant, Rochester Institute of Technology   *Aug –Dec '17*

- 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

- ***YELP-CAMP***   *link: https://shrouded-hamlet-21237.herokuapp.com*

  Full Stack node.js application using RESTful routing and mongo DB for selecting and reviewing camping locations. The application supports the CRUD functionalities and user authentication (using passport.js and express.js).

- ***FOOD-o-PEDIA***

  Full Stack ASP.NET core 2.0 application for restaurant information website on 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. iIt 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).
  Tools**:** Java SDK, Eclipse IDE, GitHub version control, UML, Hibernate, JSON

- ***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