Vibhav Goel

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EDUCATION

- **Master of Science** in Computer Science — **GPA – 3.5/4.0**
  University of Florida (UF), Gainesville, FL — *August 2019 – December 2020*
  Relevant Coursework: Advanced Data Structures, Analysis of Algorithms, Distributed Operating Systems, Computer Networks, Database Management Systems, Human Computer Interaction
- **Bachelor of Technology** in Computer Science Engineering — **GPA -7.6/10.0**
  Jaypee Institute of Information Technology, India — *July 2015 – May 2019*

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C++, PHP, HTML/CSS, Elixir
Technologies: React Native, Node.js, Postman, Express, Git, REST, AWS, Docker, GraphQL, Agile
Databases/OS: MySQL, MongoDB, Oracle, DynamoDB, Windows, Linux, MacOS

WORK EXPERIENCE

STREAMLINE HEALTHCARE SOLUTIONS - Software Engineer Intern, *(US)* — *Sep - Dec 2020*
- Handling the building modules of software application SmartCare as per the needs of customer.
- Contributing to the deployment of the Environment Change Requests (ECRs), while researching programming solutions.
- Fabricating the SmartCare application with skills such as ASP.NET, C#, JavaScript, Data Query, UI and SQL.

BILTECH - Software Engineer Intern, *(INDIA)* — *May - July 2018*
- Implemented an android application in a team of 3 people, which manages the firm's product transportation process and created RESTful APIs for backend development.
- The tracking feature of this application increased the overall transportation process of firm by **15 %**.

ENGLISH HELPER - Software Engineer Intern, (*INDIA***)** — *May - Aug 2017*
- Designed and Developed generic android application for EnglishBolo product using ViewPagers, Webview and JSON parsing. Accountable for converting online business website to an android application.
- Pursued pilot testing in production department which guaranteed **10%** rise in retention accuracy of students.

CISCO - Software Engineer Intern, *(INDIA)* — *Jun – July 2016*
- Generated a sample database for load testing and performed json parsing along with hibernate framework.
- Analysed Oracle database of more than **1 million** entries and designed RESTful web services for the backend development.

PROJECTS

GLIMPULSE (LA, CALIFORNIA) – *React Native, Mobile Application, JavaScript* — *June 2020*
- Assessed a Full Stack React Native Android application. In charge of converting iOS mobile app to an android application. Also debugged the iOS application for few bugs and fixes (Currently in Beta Testing).
- Integrated back-end APIs to improve customer experience and cut down development time and pursued beta testing in production department.

REAL-TIME CHAT APPLICATION – *Node.js, Express, socket, HTML, CSS* — *May 2020*
- Full Stack Node.js web application created with sockets. With this application, users in the same socket can chat indefinitely and share the location as well. Includes a sidebar notifying users entering/leaving the same room.

P2P FILE SHARING - *Java, Socket Programming* — *August 2019*
- File-sharing system like Bit-Torrent, using TCP/IP protocols and handshaking algorithm for file management operations between peers using Java.
- Included special message types for choking and non-choking to increase the download speed across computers by **50%**.

TASK MANAGER API– *Node.js, Express, MongoDB, Mongoose, Postman* — *May 2019*
- Created a REST API that stores task description in MongoDB database using Mongoose. Added API Authentication and Security for the same along with sorting and pagination.

NHL INFORMATION RETRIEVAL SYSTEM - *HTML/CSS, JavaScript, PHP, SQL* — *April 2019*
- A website that is a user interface over a huge database, with every user search spawning complex queries. This was a team project that helped in gaining experience with teamwork.

WYB (WITHIN YOUR BUDGET) - *Android, RESTful APIs, Machine Learning, MySQL* — *September 2018*
- An android application which uses machine learning to facilitate the user to locate the nearby best rated restaurants based on specified geolocation using sentiment analysis technique.

INVOLVEMENT

- Represent **BollyGators** dance troupe at UF and State level **Table Tennis** Player.