

## CHIRAG NARENDRA KULAR

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### EDUCATION

#### Rochester Institute of Technology | Rochester, NY

Expected: Aug 2018

Master of Science in Computer Science

GPA: 3.44

Courses: Adv. Programming Skills (Design Patterns and C#), Web Services, Big Data Analytics, Foundation of Algorithms

#### University of Mumbai | Mumbai, India

May 2013

Bachelor of Engineering (B.E.) in Information Technology

### SKILLS

**Languages:** C#, Python, Java, SQL

**Web Technologies:** JavaScript, jQuery, ASP.NET, Angular, Bootstrap, CSS3, Node.js

**Databases:** SQL Server, MySQL, Oracle

**Tools/IDEs:** Visual Studio, VS Code, IntelliJ, PyCharm, Unity3D

**Environment:** Windows, Mac

**Web Services:** REST

### WORK EXPERIENCE

#### Software Developer Intern | MatrixCare | Minneapolis, MN

Jan 2018 - Present

- Building new functionality in Form Builder and storing data using Entity Framework following Agile/Scrum methodologies
- Creating ASP.NET web forms containing C# code for business and data access logics. Using Gitlab for version control

#### Software Developer Intern | MatrixCare | Minneapolis, MN

May 2017 - Aug 2017

- Developed new features such as image upload & cropping functionality using jQuery, HTML5 and CSS
- Designed a gamification concept for managers to set/view goals for their team using ASP.NET and C#
- Developed front-end using Angular and participated in database design on SQL Server
- Modeled an innovative **Alexa Skill** using Flask-ASK framework to automate the data entry in the existing product application using voice commands with the help of existing RESTful APIs

#### Software Engineer | IGATE Global Solutions Ltd. | Mumbai, India

Nov 2013 - Jun 2015

- Implemented and tested Oracle ERP R12 Financial modules such as AR, AP, PO, INV, SLA
- Documented test cases and performed testing for quality assurance and used **PL/SQL** developer tools

### PROJECTS:

#### Alexa in Mixed Reality (Capstone) - (C#, Unity3D)

Sep 2017 – Dec 2017

- Developed a hologram of Alexa in Unity3D for HoloLens and integrated **Alexa Voice Service** in it
- Integrated an Alexa skill to find emotion in the tone of headlines from News API by integrating **IBM Watson's** Tone Analyzer

#### Sticky Notes (Personal) - (PHP, MySQL)

Dec 2017

- Designed a Sticky notes application where user can create profile, login and add notes to the dashboard
- Application was developed using PHP and MySQL

#### Boston Airbnb Booking System - (MEAN)

Nov 2017

- Design a web application which takes Boston Airbnb dataset, store it in MongoDB and performed CRUD
- Client-side designed using Bootstrap, Angular UI and templating for dynamic views and server-side using Express.js

#### API interaction with Database - (C#, ASP.NET Core, PostgreSQL)

Apr 2017

- Implemented CRUD functionalities for library management in **ASP.NET Web API** with MVC structure
- Created API Endpoints that allows user to make requests and response with **JSON** data using Swagger

#### Programmable Web Query System - (Python, MongoDB, AngularJS, Bootstrap)

Apr 2017

- Created an application that parsed programmable Web API's data using Python and stored it in **MongoDB**
- Designed a search page using AngularJS and **Flask** framework to search relevant APIs from the stored data

#### T9 Messenger - (C#, WPF)

Mar 2017

- Designed a WPF T9 messenger using the **MVVM** design pattern and event driven programming
- Built **T9 predictive** text input using Dictionary and LINQ

#### Movie-Actor-Numerology - (Python, RESTful APIs)

Feb 2017

- Connected 3 **RESTful APIs** where output of one API acted as an input to another API
- Extracted a list of actors from JSON data obtained from movie API, then retrieved an actor's birth date from wiki API which in turn provided their numerology details from a Numerology API

#### Harvey Specter's Quote (Personal) - (Node.js)

Nov 2016

- Published a fact based custom Alexa skill to narrate popular dialogues from TV Sitcom Suits
- Developed skill using AWS Lambda function and Node.js