

Apnav Poptani

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EDUCATION

Master of Science in Computer Science

August 2019 – May 2021

University of North Carolina at Charlotte, Charlotte, NC

GPA-3.7

Relevant Courses: Algorithms and Data Structures, Cloud Computing, Network Based Application Development

Bachelors of Engineering in Computer Science and Engineering

June 2012 – July 2016

Shri Shankaracharya Institute Of Professional Management & Technology, Raipur, India

GPA-3.7

SOFTWARE SKILLS

- **Languages:** C/C++, Java (Core and Enterprise), ASP .NET 4.0, MVC 3.0, Entity Framework, C#
- **Web Technologies:** HTML, CSS, PHP, NodeJS, Python, Flask
- **Software Tools and IDE:** Visual Studio 2015/2017, Microsoft SharePoint Server 2007, Microsoft SQL Server 2000/2005, IntelliJ 2019, Win Deploy, Microsoft Office, JIRA, MongoDB, MySQL Workbench
- **Others:** Adobe Photoshop Lightroom, NuGet, Git, Scrum, SDLC

CERTIFICATION

Certificate in PHP with MySQL

July 2015

Certificate in Java Programming Language using Java SE6

August 2014

WORK EXPERIENCE

UNC Charlotte, NC, USA.

January 2020 - Present

Graduate Teaching Assistant

- Working as a Teaching Assistant for Cloud Computing- ITCS 6190 to perform teaching, assessment activities, and supervise in-class activities.

Tata Consultancy Services, Pune, India

March 2017 – July 2019

Systems Engineer

- Worked as Software Developer for programs in Wealth Management(WM) for Morgan Stanley to deliver end-to-end analysis and remediation of 400+ Microsoft ASP.Net applications.
- Created and incorporated the Restful API to mask sensitive data shown on User Interface.
- Experienced in implementing large scale Integration, Migration, and Remediation of applications in scope.

PROJECTS

Network Based Application Programming using NodeJS, Express, and MongoDB

- Goal of the Project was to create a centralized platform for travelers to meet, plan and join pre-tailored adventures.
- The application uses Nodejs as serving front end and data is managed with MongoDB at backend.

Covid-19 tracker using Python and Flask

- The application was created to display spread of novel coronavirus.
- The application has city, state or country view to show numbers of confirmed cases, deaths and recovered patients.

PII Data Masking using ASP .NET Framework, MVC, and HTML 5

Tata Consultancy Services

- Created Restful API to parse **JSON, XML, String or Object** of Data and provide masked output.
- Implemented API solutions on ASP .Net backend pages to mask sensitive data as shown on UI/UX pages.
- Generated and Stored logs of each parse using **Splunk** logs and created a centralized dashboard to track errors.

Stock Home Website using HTML 5 and CSS, India

- This website reduces the wholesaler retailer complexity by giving them a platform to interact with each other.
- The website can be used by Wholesaler and Retailer to interact at a single platform giving a live update of stock.

Visitor Management System (VMS) Application using Java, Java communications API and SQL Server

- A legitimate VMS for the college which is used to track and maintain the records of visitors.
- The pass can be generated at the reception, where the visitor has to share details like name, the purpose of the visit and whom to visit.

TPO (Training and Placement Officer) Website using PHP and SQL Server

- The goal was to create a platform for TPO and students to interact at a common platform.
- This is useful for TPO cell and students to gain headline notifications related to the campus drives.