SANJEET JAIN

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EDUCATION

Stevens Institute of Technology, New Jersey, USA   *September 2022 - Present*
- Master's in Computer Science (In Progress)
- Relevant Coursework: Enterprise and Cloud Computing, Analysis of Algorithms, Foundations of Machine Learning

University of Mumbai, India   *May 2015 - June 2019*
- Secured Bachelor of Engineering in Computer Science   **3.05GPA/4 CGPA 6.75/10**
- Relevant Courses: Data Structures and Algorithms, Web Programming, Computer Graphics, and Cloud Computing

PROFESSIONAL EXPERIENCE

Infosys Ltd. | *Senior Systems Engineer*   *September 2019 – August 2022*
- Responsibilities included end-to-end application development lifecycle including Requirements Gathering, Analysis, Designing, Coding, Testing, Deployment, and Maintenance ensuring seamless transition to new application. This also involved interacting with clients to come up with innovative ideas and suggestions for possible software solutions.
- Developed applications for the Infosys Internal Department for "Overtime Approval System" and calculation of overtime pay for employees globally. Managed deployment and maintenance of legacy applications with a global roll out, interacted with end user for feedback and signoff regarding requested features.
- Worked with a Canadian insurance company to maintain a legacy project involving technologies like ColdFusion, VB.NET and PHP, also included re-developing and porting of legacy applications to .NET 5.
- Implemented and devised new modules on latest technology stacks with complete Front-end and Back-end components to improve user experience and reduce processing time.
- Built UI using technologies such as ASP.NET, Razor Pages, CSS, JavaScript and Telerik UI (Kendo UI) and EF Core to access the SQL Server Database and process data.
- Contributed to a Proof-of-Concept project for a Dutch Bank in porting over a paper based system with manual procedures to a new modern cloud-based service that included automation of transactions using Azure.
- Developed with an American Insurance Company on developing their website for internal use for quoting customers using Angular 6, .NET and MongoDB. Built policies and web modules based on the legacy application.

SOFTWARE SKILLS

- **Programming Languages**: C#, Java, C++, C **| Platforms**: Azure, Windows, Linux, Git, TFS.
- **Web Technologies**: MS SQL Server, Angular, .Net Core, ADO.NET, ASP.NET, VB.NET, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, JSON, Swagger, Azure API + Power Apps, Android Studio, xUnit.
- **Software**: JIRA, Rally Kanban, Visual Studio, Microsoft Office, Postman, Karma + Jasmine, Snyk, SonarQube.

ACADEMIC PROJECTS

Automated Traffic Control System – Android Application | *Android Studio, Java, Azure*
- Programmed an application that allows monitoring of live traffic data from google maps API and allows the traffic police to dynamically change the timer of traffic lights.
- Employed the Google Maps API to obtain street data and street maps GUI in the application.
- Implemented a network balancing algorithm to balance traffic in a particular area by automating traffic signals based on traffic density.
- Included functions for routing and managing emergency situations such as giving ambulances/police a clear path through traffic, all controlled from a mobile application.

Railway Management System – Distributed Database Management System | *SQL, Java, PHP, HTML, CSS April 2017 – April 2018*
- Designed a search engine using SQL and PHP that parses input string and displays data for trains in India and its routes
- Allowed booking of train tickets through the application, checking status and train information using a PHP page which would parse and run queries on the backend using stored procedures.

E-Commerce Website (https://vertigopc.com **) |** *WordPress, Bootstrap, HTML, CSS*
- Assisted in development of an E-Commerce website for a computer hardware and peripherals store in Mumbai (India)
- Added all catalogue items on the website and worked on the UI as per requirements of the site owner.

EXTRA CURRICULAR ACTIVITIES

- Recreated life-sized video game characters by rendering 3d models to paper-based models and was photographed for an online article in May 2019 in Mumbai (Cached Article Link)
- Competed in gaming tournaments (eSports) organised by ESL, NODWIN Gaming and Drag2Death and served as a community manager for organising and handling online tournaments for Elite Hubs from December 2018 to June 2020 (www.facebook.com/officialelitehubs/)
- Handling an Instagram page since September 2020. Conceptualizing content regularly regarding baking and confectionary (https://www.instagram.com/__sweet_sins)