

MANASI MAHAJAN

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Skills

.Net Frameworks (MVC, Blazor, WebAssembly), Azure, Python, Git, Java, SQL, SSIS, Power BI, SharePoint, IT Help Desk

Education

Master of science in Computer Engineering

Graduation Date: Dec 2016

University of Texas at San Antonio (UTSA), Texas

GPA 3.79

Bachelor of Engineering in Electronics and Communication

Graduation Date: May 2013

Sai Vidya Institute of Technology (SVIT), Bangalore, India

GPA 3.60

Work Experience

Gladieux Trading & Marketing

Oct 2018 (Present)

Software Engineer

- Building a web-application which will support whole CRM operations using WebAssembly(Microsoft Stack) – Prototyping, design, development, testing and deployment.
 - o Web APIs
 - o Authentication and Authorization
 - o Azure AD and B2C
- Creating and maintaining ETL processes to build dashboards and reporting systems.
 - o Python and O365 REST APIs
- Agile Project Management –
 - o Developed Android based mobile app with outsourced team of 4 members
 - o Managed design and development of the app
 - o Helped in prioritizing user stories to stay in schedule for roll out of the app
 - o Provided training and support to on-site team members.
- SharePoint Development and Support –
 - o Integrate SharePoint with Python scripting to automate tasks which provides users with a central platform to access information
 - o Create workflows using power automate to provide users with quick access to data
 - o Build sites, pages and document libraries with appropriate permissions
 - o Create permission levels as per the roles for easy maintenance of the sites
- Supporting manager and other engineers to distribute product design information and release version to customer support and Sales staff.
- Auditing and testing software and device products and per test plans and procedures
- Assisting in formulation of procedures and best practices for users of applications.

Management & Training Corporation, Utah

Junior Programmer

May 2016 – Jun 2018

- Wrote well designed, efficient code by using best software development practices
- Created website layout/user interface by using standard HTML/CSS practices
- Integrated data from various back-end services and databases using Java and MySQL
- Created a standard workflow documentation for the intranet application
- Took responsibility in maintaining, expanding, and scaling the site
- Played a key role in user interface analysis and design integration across all the projects
- Worked effectively with other programmers in gathering and analyzing the specific requirements for software solutions that elevated client-side experience
- To automate operating procedures at correctional facilities, conducted many experiments – working with thermal printers, motion sensors, fingerprint sensors, RFIDs etc. by integrating them with the Raspberry PI

FrontalRain Technologies Pvt. Ltd., Bangalore, India

Sales Engineer

May 2015 – Jul 2015

- Determined target audience and implemented sales strategies
- Analyzed the customer's needs and provided software solutions for the same
- Provided the proposed solutions by providing custom demos of the system to the customers

IBM India Pvt. Ltd., Bangalore, India

Technical Support Associate

Sep 2013 – Sep 2014

- Performed IT operations like resolving computer performance issues, software issues, etc., including customer focused follow-up via telephone and e-mail
- Interacted with different IT operations teams to provide better technical solutions to the clients or the users
- Mentored new associates to increase the company's pipeline of engineers

Academic Projects

- Graduate Project: Design, implementation and analysis of a web application running on VM, Docker and the host machine (Linux) using Java servlets, JavaScript, HTML, CSS, MySQL, and Apache Tomcat. Analyze its results using Selenium and Junit tools on different machines like Windows/Linux, VM and Docker
- Android: Apps like Calculator, Tic Tac Toe, Currency converter, Two player game on a single phone, etc.

Certification

- MTA: Database Fundamentals – Certified 2017

Activities

- **Graduate Student Association (GSA)**

Public Relations officer

Nov 2015 – Nov 2016

Reporting to the management, communicating effectively with the students and organizing events to contribute to the university to become Tier 1 University.

- **Indian Student Association (ISA)**

Volunteer

Aug 2015 – Nov 2016

Managing the events, helping students with their queries regarding school events.

- **Society of Women Engineers (SWE)**

Volunteer

Jan 2016 – Nov 2016

Volunteering in SWE – managing the events, helping the High School/College girls with their questions about the STEM field.