

Manvijay Lather

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EDUCATION

State University of New York, School of Engineering and Applied Sciences, Buffalo, NY 12/2018
Bachelor of Science • *Major:* Computer Science • *Minor:* Mathematics
GPA: 3.8/4.0 • *Honors:* Summa Cum Laude

EXPERIENCE

- Associate Software Developer, [Linde](#) (Fortune-500, Industrial Gas and Chemical Manufacturer) 06/2018-Present
- Developed digital solutions for business in the form of web applications (full stack) and dashboards.
 - Developed automation bots to help business run more efficiently and save manual effort.
- Student Associate Developer, [Centene Corporation](#) (Fortune-100, Health Care Company) 06/2018-12/2018
- Fully redesigned a .NET web app. Used Angular for Front-End, C# for Back-End and SQL for Database.
 - Learned about AGILE Methodologies and JIRA.
- Student Assistant, [School of Engineering and Applied Sciences, University at Buffalo](#) 09/2017- 05/2018
- Worked with Dean's office to teach elementary school kids of Buffalo the basic concepts of Science by performing experiments with goods used on a daily basis like rubber bands and straw.
- Cofounder, [Club Kairos](#), India (Entrepreneurship Club) 07/2015- Present
- Organized and managed sponsors for MAGNUS, biggest event on-campus where the students pitched ideas in front of established local entrepreneurs to find suitors for their business ideas.

PUBLICATIONS

- Automation of Sugarcane Management Plant (Research Paper)
- Designed the Software Architecture Model which takes care of every aspect from farming to cane processing to billing and assigning contracts to legit farmers.

PROJECTS

- Front-End QUIC website (HTML, CSS, JavaScript)
- Built the front-end of the website for QUIC. This project was the Runner-up at Buffalo Startup Weekend 2018.
- .Net/ Angular Web Application (Typescript, C#, SQL, HTML, CSS)
- Built a web app which retrieves, filter and display formatted data using REST APIs.
- Movie Theatre Ticketing System (C++)
- Built a system for management of ticket counter in a movie theatre using C++.
- Interpreter (Java and Standard Meta Language)
- Built an interpreter in Standard Meta Language and Java to compare the efficiency of code in these two languages.
- Android Sports Application (Android Studio)
- Built an Android App which lets user compare two players beside keeping track of live scores and league tables.
- Social Networking Database (PostgreSQL)
- Designed a database using PostgreSQL for a social networking website similar to Twitter.

LEADERSHIP EXPERIENCE AND EXTRA-CURRICULAR ACTIVITIES

- Sports Captain, [International Center for Applied Sciences](#), India 07/2015- 05/2016
- Organized Sports week for the college and led the college soccer team at various events.
- Volunteer, [Camporall](#) 06/2017
- Assisted Dr. Liesl Folks' team in carrying out *MAGNETISM!!* workshop.
- Tamer, [Lions Club of Manipal University](#), India 02/2015- 07/2016

TECHNICAL SKILLS

- Languages: Python, Java, C++, C, C#, Typescript, HTML, CSS, JavaScript, XQuery, MySQL, PostgreSQL
- Web Tech and Frameworks: [Nodejs](#), [Vuejs](#), [Nuxtjs](#), [Angular](#), .Net, [Docker](#), Jasmine, Bootstrap, Vuetify
- Tools: [Visual Studio](#), [VS Code](#), [Android Studio](#); [SQL Server Mgmt. Studio](#); [Tableau](#), [Alteryx](#); Adobe Illustrator