

EDUCATION

- **The University of Utah** Salt Lake City, UT
Master of Science in Computer Science Aug. 2017 – Present
 - **Courses:** Advanced Algorithms, Natural Language Processing, Machine Learning
- **University of Mumbai** Mumbai, India
Bachelor of Engineering in Mechanical Engineering; Percentage: 72% (Class Rank: 10/120) 2011 – 2015

SKILL

- **Languages:** Python, C#, C++, Java, JavaScript, Typescript
- **Technologies:** pandas, sklearn, .NET framework, SQL databases

EXPERIENCE

- **Cadsol Services** Mumbai, India
Software Engineer July 2015 - March 2017
 - **Product Configurators:** Product Configurator is a specialized software used by manufacturing firms to create Computer Aided Drawings of models without requiring specialized knowledge of CAD Tools.
 - * Developed product configurator and interfaced the tool with various CAD softwares like Solidworks, Autodesk Inventor, ProEngineer using their APIs.
 - * Designed and developed user interfaces in WPF to minimize training required for development of complicated drawings.
 - **Inventory Master:**
 - * Developed inventory management system for SMEs to manage their raw material and processed goods on production line.
 - * Developed the tool and database for very large data storage and retrieval over local MySQL server for 100 simultaneous users.
 - * Wrote a very fast composite text search tool to search through descriptions of all legacy and new items in inventory.
 - * Developed tools to clean, process and migrate legacy data from excel files into the database.
 - * Developed communication system for different departments to communicate regarding the status and requirement of items in inventory with access control for admins.
 - * Developed a feature to add custom formulas with dynamic retrieval of variables in the formula from database based on specific item selected.
 - **Browser based CAD tool:**
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PROJECTS

- **QuantSoftware Toolkit:** Open source python library for financial data analysis and machine learning for finance.
- **Github Visualization:** Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System:** Music and Movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup:** Book that gives step by step instructions on setting up developer environment on Mac OS.