




# SONU KUMAR

Software Engineer

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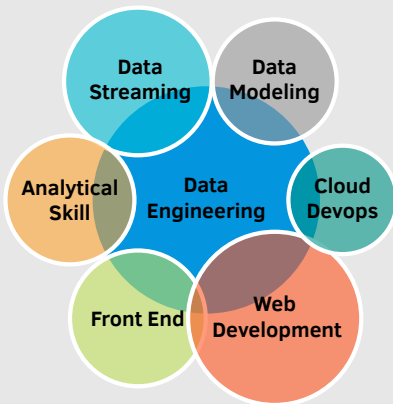
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## Skills

### Overview



### Programming

0 LOC  $\longrightarrow$  5000 LOC

HTML5 • CSS3 • Bootstrap

DWH • SQL • ETL

Javascript • JQuery

## Projects

### TryAtutor - Tutor aggregator platform

- Simple, easy, multi-field tutorial tool for students.
- Implemented report generation based on KPIs for tracking overall growth of student on monthly basis.
- Participated in multiple college level start-up competitions.

## Education

2013 - 2017 **B.Tech, Mechanical Engineering** (CGPA: 7.75/10) **NITK Surathkal**

2011 - 2013 **Intermediate** (Percentage : 94.8) **Vivek Vidyalaya, Jamshedpur**

## Experience

Feb 2019 - Present **Senior Software Engineer** **Tredence Analytics**

- Designed and implemented data pipelines for rendering data from different applications via: ETL (Alteryx) tool.
- Optimized Data Warehouse structure for the Snowflake model.
- Scrum calls and business calls with client on proposals for the next steps and brainstorming for streamlining data as per requirements.
- Architecture design for data migration of media files from application to Azure cloud.

June 2017 - Jan 2019 **Software Engineer** **Tredence Analytics**

- Data migration strategy and implementation to render data from existing application structure via ODBC connection.
- Data model and structure for the OLTP and OLAP schema.
- Brainstorming Business requirements with client on Scrum meetings and Business calls.
- Stabilizing the OLTP and OLAP structure for stream line data flow to-and-fro application and reporting layer.
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Aug 2018 - Apr 2019 **Technical Consultant** **Synectix Telecom**

- Built light-weight web application (localhost) built for Hotel Management System on Raspberry Pi.
- Designed UI using HTML5, CSS3, Materialize Bootstrap and Javascript / JQuery.
- End-to-end process setup in Pi with cron addition and a localhost application
- Upgraded the user experience by providing one-click functionality to update the application by direct pull from Git.
- Analyzing the process flow of whole system and its integration with PBX system for responses.

Dec 2013 - Apr 2015 **Intern** **Preplift**

- Brainstormed, Documented and Created online videos for students to help them understand which branch to choose using Powtoon.
- Acquired problem identification and problem solving skills.
- Explored networking and marketing of product.

## Awards and Achievements

2015 - 2018 **Avanti Fellows Tutor** **Avanti Fellows**

- Mentored JNV students for IIT (JEE Advanced/Mains) preparation.
- Created a friendly environment for students to learn.

2019 **Catalyst Award** **Tredence Analytics**

- Award for being a catalyst in enhancing and developing the product and on-time delivery and commitment to the project.
- Active participation in company's TALL (Teaching Agenda for Lots of Learning) program and hiring drive.