Vipin Kumar

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EDUCATION

PGP - AI&ML	**Great Learning Institute, Bangalore**	*2020-21*
B. Tech - Mechanical	**NITK Surathkal, Karnataka**	*2008-12*

EMPLOYMENT

Software Engineer	**CISCO Systems, Inc**	*Aug '19 - Present*

- Currently part of the WebEx feature (API, SDK, Widget) development team.

Technical Consultant	**42Hertz, Inc (acquired by CISCO)**	*Oct '17 - Aug '19*

- Delivered 4 projects (Data Migration - 1, Reporting - 2, Development - 1)
- Data migration from retail ERP(D365) to files (CSV & XML) for demand forecasting tools using SSIS.
- Delivered promotional pricing and custom offer approval customizations in the sales module (CRM) using plugin and workflow development (C# based).
- Built complex lead pipeline, lead conversion & sales power BI reports and dashboard, direct connectivity from CRM to Power BI.
- Delivered an end to end financial consolidation reporting project with a 3-member team. Generated consolidated balance sheets and profit & loss financial statements for 13 legal entities at subgroup, group, and parent levels.

Data Analyst	**Digital Harbor**	*2015 - 2016*

- Data scrapping from open US govt. sites. As part of data management/analytics teams, built data sources for monitoring and screening checks with the product.
- Validating the hypothesis with exploratory data analysis using T-SQL, publishing data stories documents. Added 3 new alerts in the compliance monitoring product.
- Product envisages market research for new products, given presentations to the management team. Conducted knowledge sharing sessions for application/product development and testing teams.

Software Engineer	**Tavant Technologies**	*2012 - 2014*

- Delivered 3 projects (BI Reporting - 1, Data Migration - 2)
- Built claims processing and sales reports for a US-based materials handling company. Deployed an operational/analytical dashboard using the Cognos reporting tool with data hosted on in house SQL Server data warehouse.
- Built a data migration engine for a web-based application from SQL Server to MySQL OLTP. Developed more than 20 SSIS integration packages covering data extraction, transformation, functional checks, selective update, slowly changing dimensions, target load. Deployed the entire project as an automated installable software for data migration.
- Worked on data migration from flat files to DW and vice-versa using T-SQL/SSIS packages, scheduling, and automation using Control M.

LANGUANGES, TOOLS & TECHNOLOGIES

- **Languages**: T-SQL, Python, Pandas, Numpy
- **Tools**: SSIS, SSRS, Cognos, Power BI, Excel, Management Reporter, D365(CRM/ERP), GitHub, BMC Control-M
- **Databases**: SQL Server, MySQL
- **Functional/Industry**: Service Operations - Warranty Management, US Healthcare - Compliance, Sales and Marketing - CRM D365, Finance - ERP AX2012
- **Others**: ETL, Data Migration, EDA, Basic Statistics, Data Visualisation, BI/Reporting, Dashboards, Data Pre-processing, Data Cleaning, OLTP, Data Warehousing, Data Modelling