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| EXPERIENCEHitachi Rail STS, Noida— *Signal and Functional Engineer*APRIL 2019 - PRESENT  * Increased efficiency for application program designer up to 70 % by performing descriptive analysis of error types by segregating errors into 3 groups depending on the centroid values. * Development and testing of Application Data Design for more than 60 Indian railway stations, spread across 5 zones in Train Control Systems as per Railway’s technical & signaling standards.  Ajeevi Technology, Noida— *Software Engineer*MAY 2018 - APRIL 2019  * Increased efficacy and revenue of DTC Bus Systems by 90% and Decreased penalization using Data Visualization and Analysis. * Developed a multi-tier user-friendly system for 3 business modules in DTC and improved data gathering techniques using automation, GPS, and proprietary hardware.  Caddsoft India Pvt. Ltd., Noida— *Software Engineer*SPET 2017 - DECEMBER 2017  * Created restaurant analysis interface for more than 3000 users of Republiq app by analyzing data from 3 source datasets. Visualized and analyzed user data for improvement in user experience. * Development of payment module and integration of four payment gateways.  Ajeevi Technology, Noida— *Software Engineer*JUNE 2016 - SEPT 2017  * Developed data-analysis driven dashboard for Bus Depot Management and automated data gathering from 10000 bus-related data points for increasing efficiency by 80%.  EDUCATIONDr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh — *Bachelor of Technology in Computer Science*MAY 2012 - MAY 2016Great Lakes Executive Learning, Gurugram — *Post Graduate in Data Science and Business Analytics*MONTH 2021 - MONTH 2022 | SKILLS  * **Algorithms** * **Data Structure** * **Statistical Analysis** * **Data Manipulation** * **Data Analysis** * **Data Visualization** * **Machine Learning** * **Quantitative Analysis** * **Predictive Modeling** * **Classification Technique** * **Regression Modeling** * **Decision Tree** * **K‐Nearest Neighbors** * **Hypothesis Testing** * **Principal Component Analysis - PCA** * **Factor Analysis** * **Model Fitting** * **Cross-Validation** * **Bagging and Boosting** * **Agile Methodology**  TOOLS  * **VS Code** * **Visual Studio** * **Jyputer Notebook** * **Spyder IDE** * **Tableau (Web/Basic)** * **GitHub/GitBash** * **Sci-Kit Learn** * **Pandas** * **SciPy** * **NumPy** * **C / C++ C# ASP.net** * **MS SQL**  CERTIFICATION  * **Certificate in Machine Learning in R by Collabera TACT.** * **MTA in Software Fundamentals C# and MTA in Database Fundamentals.**  AWARDSMicrosoft Student Partner 2015  * **Best Paper award for “Content-based Image retrieval” in 11th National Conference on Next Generation Technologies** |