

# Akash Babu

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## SKILLS

- **Languages:** C++, Java, Excel, R, C, Python
- **Frameworks:** Predictive analysis, ggplot2(R), Pandas, NumPy
- **Tools/Platforms:** MySQL, Oracle Data Mining, Microsoft excel, Tableau, R studio, Tableau prep
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

## PROJECTS

### Spam Mail prediction using Machine Learning: July 2024

- Developed an SVM-based classifier to differentiate between spam and non-spam emails.
- Cleaned and processed email data, extracting relevant features for improved model performance.
- Analyzed email data to identify patterns and trends, informing feature selection.
- Gained hands-on experience with logistic regression, decision trees, and evaluation metrics like precision and recall.

**Tech:** Python, Python Libraries like Pandas, Scikit-learn for Data Manipulation, Data Pre-Processing

### Tableau - Interactive Dashboard of Sales of a Company: November 2024

Created interactive dashboards to represent complex data insights effectively.

- Implemented calculated fields, filters, and dynamic parameters for enhanced interactivity.
- Improved dashboard performance by optimizing data sources and reducing load times.

**Tech:** Tableau

## CERTIFICATES

- Summer Training – Self-Paced (C++) by GFG. 230 hours
- Programming in C++: A Hands-on Introduction 21 days
- Completed a course in Coursera - Data Analysis with Tableau 21 days
- R programming (Coursera) April 2024
- Excel skills for business (Coursera) May 2024

## ACHIEVEMENTS

### Secured Five Star Rating in C++ at Hacker rank: January 25

For Completing all the problem challenges.

### Attained Project Completion Certificate and Declaration Letter from Allsoft Solutions: July 24

Undergone 6 Weeks Summer Training on IBM project and technologies.

### Participated in International Math Olympiad (IMO): Nov 2017

Participated and Qualified for District Level in IMO.

## EDUCATION

- **Lovely Professional University** Punjab, India  
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.00** Since August 2020
- **Shree Sonpal Kushwah Inter college** Marehra, U.P.  
Intermediate; **Percentage: 81%** April 2021 - March 2022
- **Marehra Public School** Marehra, U.P.  
Matriculation; **Percentage: 68%** April 2017 - March 2018