

Geetla Deepthi Reddy

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Skills

- **C Language**
- **C ++**
- **Win 32 API**
- **MFC**
- **STL**
- **Data Structures**

Objective

To be in a position in a result oriented company that seeks an ambitious and career conscious person where acquired knowledge and skills gained during my professional experience will be utilized towards continuous growth and development of the organization.

Working Experience

Working as a Software Engineer for **Metallco Softech Pvt Ltd., Chennai** Since Feb **2021** to till date.

Summary

- Having 2+ Yrs. of Experience in IT industry with expertise in **C++, VC++**.
- Designed and implemented various applications on Windows environment using **C, C++** and **Visual C++**.
- Strong knowledge **concepts in OOPs**.
- Basic level experience in IT industry as a associate software developer in providing solutions using **Win32 SDK, MFC**.
- Participated in various projects at various stages from conception to implementation and maintenance.
- Involved in a project implementation from start to end using **VC++** and **MFC** designed and also basis of MFC framework.

Expertise

- **Programming Languages**
C, C++, VC++
- **Technologies**
Win32 SDK,
MFC
- **Software Development Tools**
Visual Studio 2012
Tortoise SVN,
JIRA,
Windows Family

Educational Qualification

- **Diploma** from the **SBTET, T.S,** in with 65% in April 2019.
- **S.S.C** from the **State Board of Secondary Education, A.P** with 9.0 CGPA in April 2016.

Project Details

Project1 : **VECTORS ANALYTICS**

For issuers and investors, our model forecasts key investor performance metrics such as CPR (prepayment), CDR (default), 60+ delinquency and loss severity, given loan characteristics and a user-driven scenario for interest rate and house price indices. Our open architecture gives you the flexibility to tune the model according to parameters you set.

The Loan Dynamics Model goes beyond the traditional "two-state" competing risks model that forecasts only prepayments and defaults, to include forecasts for a number of loan transitions, including 60+ delinquencies to account for the impact on bond triggers. We have condensed the number of transitions to those which have sound economic rationale and the greatest impact on investment performance.

Valuation Model:

