

# Akarsh Prabhu K.

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## Objective

To work in an organization where I can utilize all my skills extensively for the growth of the organization and constantly improve myself.

## Education

**S.J.C.E., Mysore.**

**9.56/10.00**

*Bachelor of Engineering(B.E.), Computer Science & Engineering.*

*2013 - Present*

Autonomous, Affiliated to V.T.U.

Semester	I	II	III	IV	V
SGPA	9.60	9.76	9.06	9.70	9.70

**Poornaprajna Pre-University College,Udupi.**

**93%**

*2nd P.U.,*

*2013*

D.P.U.E.,Karnataka.

**St. Mary's English High School,Udupi.**

**94.56%**

*S.S.L.C.,*

*2011*

K.S.E.E.B.

## Experience

Projects.....

1. **Recommender System** [*C, Scala, R*] Built a Recommender system using Collaborative filtering and K Nearest Neighbour classification. The model was improved by using K Means clustering technique for similar users. The model was tried on a no. of datasets including Movielens100k, Books, Music. This project was done during an internship at Compiler Tree Technologies.
2. **Engineering College Rank Predictor** [*R programming language*] Built a predictor of ranking of Karnataka Engineering colleges using KCET rank cutoffs data of previous years from [www.kea.kar.nic.in](http://www.kea.kar.nic.in). A thorough outlier detection study was done. A Linear Regression model and Time Series model was compared. This project was done during an internship at Compiler Tree Technologies.
3. **Scratch Pad - The custom Text Editor** [*Java*] A text editor made using Java swings having most features of a moderately mature text editor. An extensive knowledge about Java classes was gained.
4. **Hospital Manager** [*Backend: SQL Frontend: HTML,PHP.*] This is a Database management system project where most prominent entities of a hospital are included in the schema. Employees and patients can be managed with this. Front end has features to add,delete,update records along with basic record extraction transactions.

## Technical Skills

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**Computer Languages:** *C, Java, R*

**Platforms:** Linux(Ubuntu), Windows.

**Tools:** Git, Latex

**Web Development:** HTML, CSS, JS, PHP

## Extra Curricular

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- **Student Executive** of CSI - SJCE Student Chapter during 2015-2016.
- **Co Lead of Publicity** of CSI - SJCE Student Chapter during 2014-2015.
- **Co Organiser** of Annual technical fest '**Technologix 2015**' and '**Technologix 2016**' by CSI - SJCE Student Chapter.
- **Team leader** of the Science Drama team from Karnataka which took part in the **National Science drama Festival-2010** at Mumbai organised by National Council of Science Museums, Ministry of Culture, Government of India.
- Student member of **Computer Society of India**.
- Participated in the SAP Techniversity held at B.I.E.C.,Bengaluru.