

Gagan Gowda Madaiah

Computer Science and Engineering (Grad.)

DOB: 07 December 1994

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Education

Year	Degree/Education	Institution
2016	B.E. Computer Science and Engineering	K.S. Institute of Technology, Bangalore
2012	Twelfth (PUC- Karnataka Board)	Sri Bhawagan Mahaveer Jain College, Bangalore
2010	Tenth (PUC - Karnataka Board)	Vijaya High School, Bangalore

Work Experience

- **Trainee Software Engineer, ShieldSquare**
Developed CREST API application on python in Flask framework.
Developed Test Cases application on python in Django framework.
Worked on enhancing the efficiency of the UI of the XENA module of ShieldSquare.
Incorporated JavaScript, JQuery, HTML and CSS.
- **Business Analyst, HireCraft**
Managed and co-ordinated with US and Canada team for all the portals of IKEA client.
Understood the Client's requirements and prepared a Software Requirement Specification.
Handled V5 with elastic search, Redis and V4 Portal products for ICICI Lombard.
Maintained and migrated the databases of various clients.
- **Research Associate, Journal of Institute for Research and Development India**
Published a research paper on new inpainting framework relying on both the low resolution inpainting pictures method and a super resolution algorithm.

Projects

- **CureAssist**
A project on identifying similar symptoms based on the symptoms a person endures, which is based on NLP and Keras algorithm with bag of words.
- **Data Scraping : Reddit**
Scraped the data from ten subreddits which consisted of top post titles, links, number of votes, and the top rated comment page for that post and used the WordCloud module to generate word clouds for each of the subreddits.
- **Loan Prediction**
To automate the loan eligibility process(real time) based on customer detail provided while filling online application.
- **Book Recommendation System**
This project entails building a Book Recommender System for users based on user-based and item-based collaborative filtering approaches.
- **Estimation of audience score of movies**
To build a predictive model to provide an estimate audience score of movies based on its features for which the data was acquired from imdb and rotten tomatoes.
- **Intelligent Inpainting**
Developed an algorithm to automatically remove undesired part of images and also to enhance media quality. Enhanced the same algorithm on video (24 frames per second).
- **Compiler Construction**
Developed a Lexer, parser and interpreter for a subset of functions provided by Scala using Lex and Yacc.

Certificates

- Hackathon, K.S. Institute of Technology.
- Completed a workshop on Cloud Computing.
- Completed a Web-Developer Course 2.0 (Udemy) on HTML, CSS, JavaScript, Python and SQL.
- Won accolades for the College Football team as a Co-Captain.

Skills

Computer Languages	Python, R Programming, JavaScript, SQL, HTML, CSS.
Software Packages	Eclipse, Spyder, Jupyter, Flask, Django, Scrapy, Pandas, Matplot, Sci-kit learn, JQuery, Redis, MongoDB, MySQL, Big Query.
Languages	English (SRW), Hindi (SRW), Kannada (SRW), Telugu (SR), Spanish (SR)

Extra-Curricular Activities

- Content co-ordinator in the College Magazine Editorial team.
- Manager Incharge of Haute Couture Team at K.S Institute of Technology (2015, 2016).
- Co-ordinator of Ananya Fest conducted at K.S Institute of Technology (2015, 2016).
- Part of the Youth for Parivarthan NGO team.

References

Dr. Rekha B Venkatpur	Michael Wilson	Joe McGinn
Head of Department (CS)	Principal Engineer	Product Manager
K.S Institute of Technology	ShieldSquare	Balance Source and Consulting
vb_rekha2000@yahoo.com	michael.w@shieldsquare.com	jmcginn@mccks.adu