

NarraVivek Reddy

Contact

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Languages

English
Swedish (Beginner)
Hindi
Telugu

Professional Skills

Leadership
Critical Thinking
Problem Identification
Problem solving
Team Player
Creative Thinking

Programming Languages & Technologies

Python
AWS
Java
C
Html(5)
PhP
R
Matlab
Latex
Angular JS

Web Development

Html
Java Script
Css

UI/UX

Illustrator
Photoshop
DreamWeaver
Fresco
Google Web Designer

Database

MySQL
Oracle

About Myself

An energetic and independent individual who is determined to pursue the limits of software engineering and computer science with a little confidence and my professional skills built over time. I think that hardworking and being prepared for any task is how a person could tackle a problem or event in life. Computer Science has been in my life since after childhood and the practices, knowledge obtained over time have made me more resourceful and conscious of my decisions. Being an excellent team player and portraying unique leadership qualities when required have taught me good lessons and have driven me to work efficiently towards the goal.

Education

- 2019-Present **Blekinge Tekniska Högskola** Karlskrona, Sweden
Master of Science in Software Engineering
Preparing an Academic future in courses such as "Research Methodologies in Software Engineering and Computer Science", "Software Metrics", "Usability and Interaction Design", "Agile and Lean Software Development" and "Decision Support Systems" with Excellent performance.
- 2019 **Jawaharlal Nehru Technological University Hyderabad** Telangana, India
Bachelor of Technology in Computer Science Engineering
CGPA : 8.8 / 10

Experience

- 2020 **ABB Jokab Safety** Gothenburg, Sweden
Master Thesis Student
Worked with increasing the object detection reliability using multiple Millimeter wave radar technology. Designed a micro-services software architecture and developed a demonstrator application. A large step towards learning embedded systems and multiprocessor systems in real time with leading stakeholders.
- 2018 **Coign Pvt.Ltd** Telangana, Hyderabad
Internship
Received Training in Scripting languages, Back end Development and a small Introduction to Artificial Intelligence. Worked on Java, Python, SSI and AWS to build a model Domain for a client. Completed Business Entrepreneur Training with expertise.
- Performance Analysis of Daily Operations** Coign Pvt.Ltd
Developer/Presenter
In a group of 5 we have used the data acquired from Company database to analyze the daily operations of the software teams. Various features and factors were explored and visualization of the data was made using machine learning models.

Social Work Experience

- 2020 **XP 2020 Agile Alliance** Gothenburg, Sweden
My responsibilities were delegating with Academic Elites during the International conference online .
- 2019-2020 **Student Ambassador at BTH** Karlskrona, Sweden
My responsibilities were delegating with university officials and students during the University events and when new students arrive to Sweden. Hosted and anchored for few shows at the university. Very good experience in people skills.

Tools
 Eclipse
 IntelliJ
 Netbeans
 Apache
 PyCharm
 Visual Studio
 Git
 SonarCloud
 SonarQube
 SonarLint
 Understand
 Ms-Office

Interests

In life
 Listening Music
 Exploring New Places
 Try New food Cuisines
 Learn different culture's
as Hobby
 Photography
 Swimming
 Football

Reference

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 Assistant Professor
 Software Engineering
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Gurudutt Kumar Velupula
 Samarbetsansvarig
 /Director - India
 Initiatives
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 Technology
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2018 **Run For Hope, Run for Cancer** Telangana, India
Event Organizer - Team Leader
 As part of our Quest 2018, A National Level Technical Symposium Conducted by the Department of Computer Science Engineering - Jawaharlal Nehru Technological University Hyderabad. I have proposed, initiated and organized a social awareness run for cancer with the help of my team. This event was graced with the presence of "Sri. T Harish Rao" The Minister of Irrigation,Marketing and Legislative Affairs Government of Telangana, India . Some of the crucial tasks involving my role were acquiring sponsorship's for the event, Managing and assigning tasks to the team and inviting the Chief Guest.

Projects

- 2019/09 **Software Demonstrator for Safety Radar System** ABB Jokab Safety, Sweden
Software Architect
 Designed a micro-services based software architecture for the newly developed safety radar system with multiple radar sensors. Worked with embedded software systems and Matlab to introduce coordinate transformations for improved reliability

- 2019/09 **Open Source Project : INCEPTION - Evolution and Maintenance** BTH Karlskrona, Sweden
Project Leader
 As a leader I guided my team to be goal oriented, assign tasks and assist issues. Contributed into the project by Identifying, refactoring the Java, Html elements based code and established a brief comprehension of all the problems using tools such as SonarQube, SonarCloud.

- 2019/09 **Implementation of Agile and Lean Methodology in Predicting Breast Cancer** BTH Karlskrona, Sweden
Project Leader
 As a leader and Product Owner, I have made my team practice Scrum Methodology and Kanban Methodology to understand the difference in work flow. Prepared product backlogs and maintained good communication with the customer for a value-centric project with few improved features.

- 2019/06 **Measure the Quality and Maintainability of an Open Source Editor - JEdit** BTH Karlskrona, Sweden
Team Lead
 The Quality and Efficiency of the application was analyzed using the metrics like Coupling, Complexity and Maintainability using the Understand Tool. Futher a GQM tree followed by refining other functional and non functional metrics to determine the application quality.

- 2019/06 **Theme Recommendation System : Decision Support System** BTH Karlskrona, Sweden
Back End Developer, Data Analyst
 This Project was developed in order to provide more customization to the users or developers when using text editors to differentiate classes, packages, functions and variables by different color gradients and combinations. We Hoped this would be better understanding of the code, increase the code readability and traceability.

- 2018/12 **Comparison of Different Classification Models to Predict Cancer using Processed Information** JNTUH Telangana, India
Project Leader
 As a group we have developed a working logic and supporting code to establish the best classification method from the machine learning platform to detect and predict cancerous tissues from the diagnosis of a patient. Filters and image processing, acquisition methods to obtain noise-free images (CT or MRI scans) were implemented to execute the project.

Achievements and Activities

- 2019 **Merit Scholarship**
Blekinge Tekniska Högskola
Received 50 percent scholarship as a waiver to my college fee for my merit scores in the first semester at BTH.
- 2015-2016 **Class Representative**
Jawaharlal Nehru Technological University Hyderabad
I was selected as a class representative who is responsible to manage and guide fellow students during their course work with problems or issues relative to daily academic life.
- 2011-2013 **Magazine Photographer and Chief Designer**
Jubilee Hills Public School
Pursued my hobby as a photographer and received recognition in my school for being the lead photographer and designing the year book, quarterly magazine's released by the school.
- 2013 **Selected for Front Page Cover in School Magazine**
Jubilee Hills Public School

Certificates

- 2018-03 **Letter of Appreciation for Organizing Social Awareness Program**
Jawaharlal Nehru Technological University Hyderabad
- 2018-03 **Certificate of Excellence in Hackathon Workshop**
Jawaharlal Nehru Technological University Hyderabad
- 2018-03 **Certificate of Ambassador for Internet of things Workshop**
Jawaharlal Nehru Technological University Hyderabad
- 2017-07 **Letter of Recommendation from CloWork**
CloWork, Hyderabad
- 2016-06 **Certificate of Participation in Cross Platform Application Development workshop**
Jawaharlal Nehru Technological University Hyderabad
- 2012-10 **Certificate of Appreciation for 1st position in Photography Inter-School Competitions**
Jubilee Hills Public School
- 2012 **Certificate of Achievement for 1st position in School Science Fair Competitions**
Jubilee Hills Public School

Courses Opted

- 2019 **Master's**
Blekinge Tekniska Högskola
Research Methodology in Software Engineering and Computer Science
Decision Support Systems, Usability and Interaction Design, Measurements of Software, Advanced Course In Software Engineering, Quality Control Evolution and Maintenance of Software, Agile and Lean Software Development.
- 2019 **Udemy**
Full Stack Web Development , Data Science , Machine Learning, Selenium
- 2015-2019 **Bachelor's**
Jawaharlal Nehru Technological University Hyderabad
Web Technologies, Advanced Data structures, Basic Electronic and Electrical Engineering, Compiler Design, Computational mathematics, Computer Language and Data structures, Computer Networks, Computer Organization and Architecture, Data Warehousing and Data Mining, Database Management System, Design and Analysis of Algorithms, Digital Logic Design and Microprocessor, Engineering Graphics, Formal Languages and Automata Theory, Managerial Economics and Financial Analysis, Mathematical Foundation of Computer Science, Object Oriented Programming language Through Java, Operating Systems, Software Engineering, Software Project Management, Software Testing Methodologies.