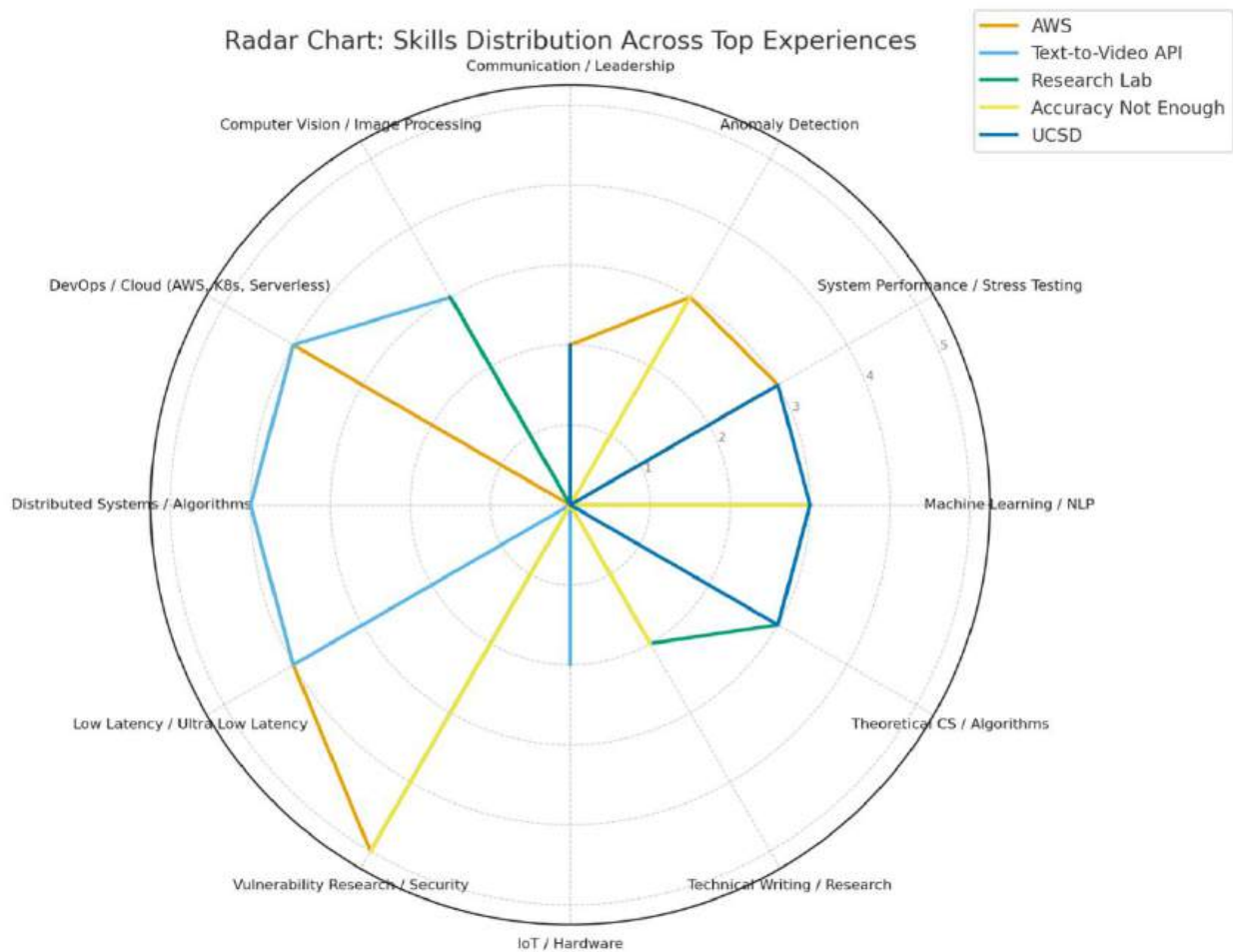
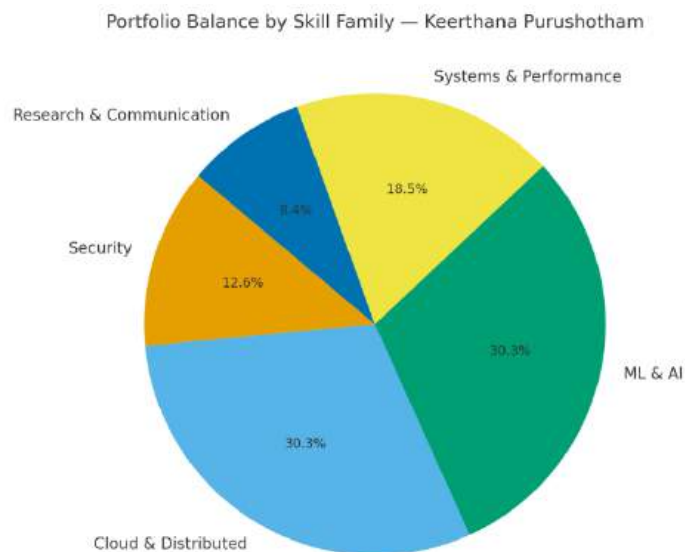




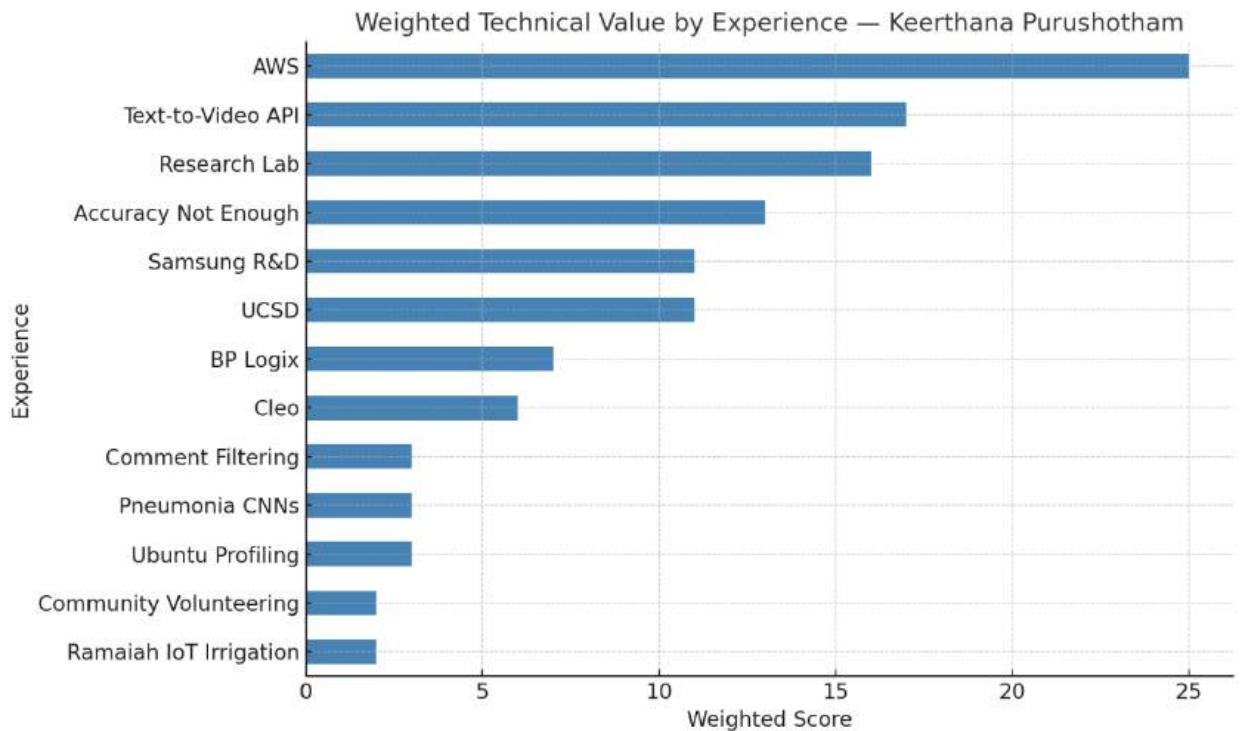
- **Radar Chart: Skills Distribution Across Top Experiences**



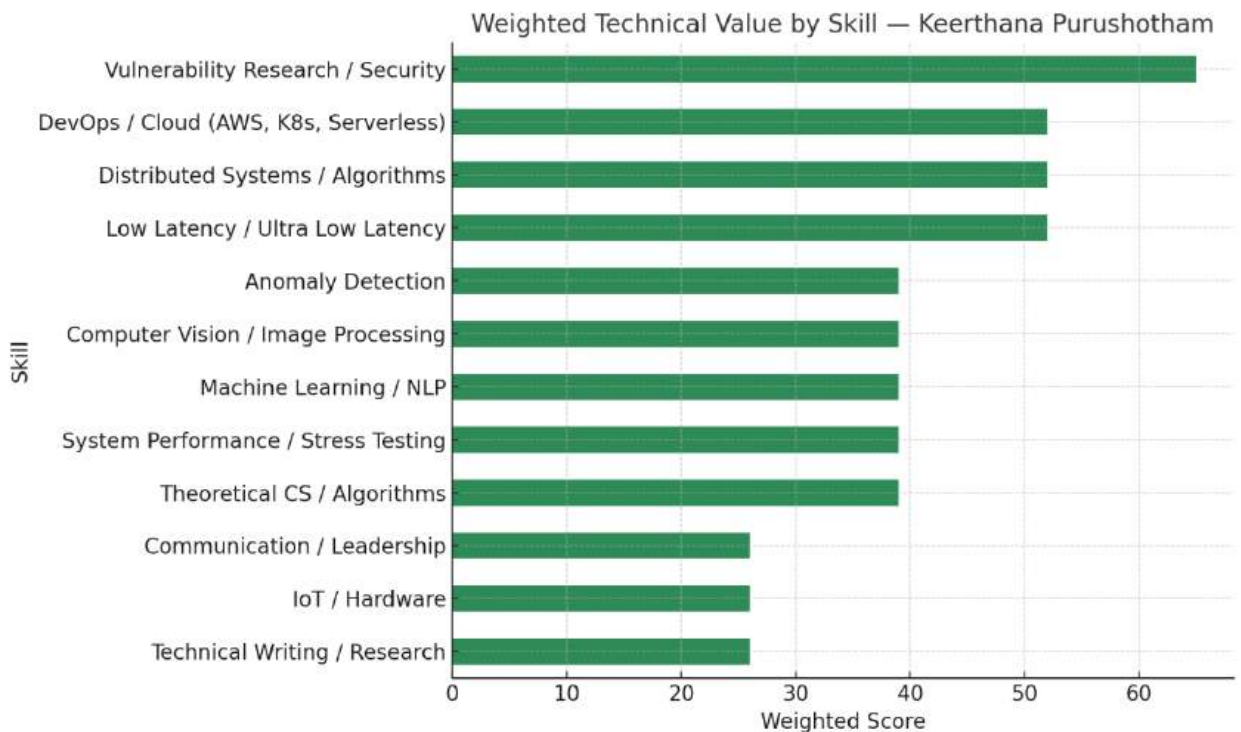
- **Portfolio Balance by Skill Group**



- Weighted Technical Value by Experience



- Weighted Technical Value by Skill



I'm a full-stack SDE with expertise in cybersecurity, cloud, NLP & statistics.

At AWS, I build predictive automation tools for CVE evaluation, design scalable cloud infra, & handle threat detection for Amazon Linux.

My niche in AI, NLP & stats helps me apply computational statistics to security, threat modeling & security R&D.

I've integrated AWS CDK, Rust, Python & JavaScript to streamline processes, & became an expert in threat modeling over 1.5k CVEs for multiple Amazon Linux distributions.

I've actively contributed to system design to ensure the use of relevant info for practical security solutions.

With a solid foundation in CS from UCSD, I've built skill in NLP, recommender systems, cloud architectures & have published research.

I seek impactful roles to drive innovation at scale.



Links

- LinkedIn [linkedin.com/in/keerthanapurushotham](https://www.linkedin.com/in/keerthanapurushotham)
 - Calendly calendly.com/keerthanap0808/30min
 - ✉ Email: keep.consult@proton.me
 - 📞 Phone (Google Voice): +1 360-328-1182
 - CV drive.google.com/file/d/1a_1zHHOM0ov5DZ2BYSkryHWbnfuE8AoO/view
 - Portfolio drive.google.com/file/d/1y8GQHeCp-zdkxhn_EFUj5T9xcLW7XZiY/view
 - GitHub github.com/keerthanap8898
 - Google Scholar scholar.google.com/citations?hl=en&user=OhmFGtIAAAAJ
 - Medium medium.com/@keerthanapurushotham
 - Substack substack.com/@keerthanapurushotham
 - ResearchGate researchgate.net/profile/Keerthana-Purushotham
 - Google LM Audio Summary (g-Drive) drive.google.com/file/d/1Kfpd49LE9jaoDZ9VL-BmTI9DS8O1-7uR/view
 - Scopus Author Profile scopus.com/authid/detail.uri?authorId=57221594595
 - ORCID Author Profile orcid.org/0009-0000-8197-7048
 - IEEE Author Profile ieeexplore.ieee.org/author/37088644371
 - ACL Anthology Author Profile aclanthology.org/people/keerthana-purushotham
 - Art Portfolio - Instagram instagram.com/kp_artses
 - YouTube (*coming soon*) youtube.com/channel/UCb7duYCP_dpm4lftWeiz3ow
-



Keerthana Purushotham

Software Developer at Amazon Linux,
AWS

Computer Security
Operating Systems

Linux

Vulnerability Detection

GET MY OWN PROFILE

	All	Since 2020
Citations	49	49
h-index	2	2
i10-index	1	1

TITLE	CITED BY	YEAR
Cloud Storage Security Risks, Practices and Measures: A Review A Syed, K Purushotham, G Shidaganti 2020 IEEE International Conference for Innovation in Technology (INOCON), 1-4	40	2020
An Approach to Image Denoising Using Autoencoders and Spatial Filters for Gaussian Noise AP Patil, A Pramod, A Harish, K Singh, K Purushotham 2021 11th International Conference on Cloud Computing, Data Science ...	7	2021
Optimized Web-Crawling of Conversational Data from Social Media and Context-Based Filtering AP Patil, R Subramanian, G Karkal, K Purushotham, J Wadhwa, ... Proceedings of the Workshop on Joint NLP Modelling for Conversational AI ...	2	2020
A Survey of Adaptive Compiler Optimization Heuristics A Syed, A Harish, SAA Keerthana Purushotham		
Data Mining In Distributed Environment SS Rane, P Kumar, N Tiwari, K Purushotham		

Keerthana Purushotham

[+1 858-203-8957 \[PST \]](tel:+18582038957) | [LinkedIn](#) | [AUDIO SUMMARY 7m10s](#)
[Papers & Citations](#) | [IEEE Member](#) | [UCSD Alumni](#)

Subject: Cover Letter

To,
The Recruiting Manager,

Hello,

I am excited to apply at your esteemed organization, where my expertise in AI-driven security, cloud infrastructure, and large-scale automation aligns with your team's mission. At AWS, I have managed 1,300+ Linux CVEs, led AI-powered security automation, and built privacy-enhanced cloud security solutions, directly contributing to infrastructure security and risk mitigation at scale. I thrive in environments that challenge me to think deeply, adapt quickly, and bridge disciplines to create innovative solutions.

→ Why I Am a Strong Fit for This Role—

- 1. Cloud & Infrastructure Security: Experience deploying AI models on AWS Lambda, API Gateway, S3, and building real-time security monitoring with CloudWatch.
- 2. Security & Vulnerability Management: Specialized in Linux security, threat detection, and FIPS-compliant vulnerability patching for Amazon Linux.
- 3. AI & ML-Driven Security: Designed AI-based CVE impact analysis algorithms, developed ML-powered automation, and published peer-reviewed research in AI, ML, and NLP (39 citations, IEEE & ACL).
- 4. Strong Theoretical & Practical Foundation: Expertise in graph algorithms, deep learning, and statistical modeling, with hands-on work in Python (TensorFlow, PyTorch), Rust (for AI applications), and SQL.

→ Why This Role Aligns With My Goals—

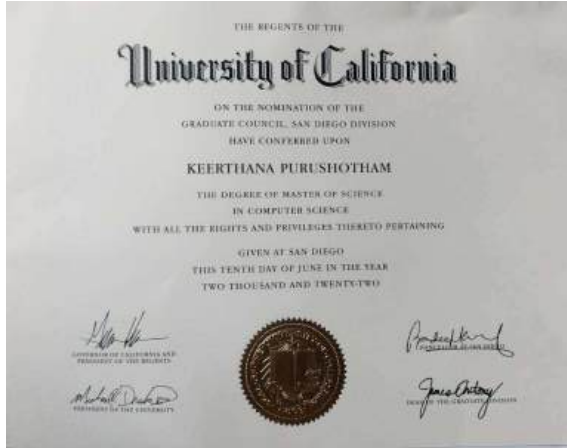
- I tackle engineering challenges with the same curiosity that drives my pursuits. Debate, coding, and quizzing sharpen my pattern recognition, while art, sports, and music refine adaptability and structure-key to scalable AI and security automation. This interdisciplinary mindset fuels innovative problem-solving in complex systems.
- I am deeply passionate about scalable, ethical, and high-impact AI-driven solutions and believe my applied research, software engineering, and security expertise make me an ideal fit for this role. Products thrive on curiosity, interdisciplinary thinking, and a willingness to challenge the status quo-values that I have embraced throughout my career and personal pursuits.

I would love the opportunity to discuss how my skills can contribute to your Company's technical initiatives. Please let me know a convenient time to connect.


Best regards,

Keerthana Purushotham

keerthanap0808@gmail.com | [+1 858-203-8957 \[PST \]](tel:+18582038957)
[LinkedIn](#) | [Google Scholar](#)



PARCHMENT ID: 
 STUDENT NAME: Purushotham, Keerthana
 SOCIAL SECURITY NUMBER: ***-**-**** 

IDENTIFICATION NUMBER: 
 DATE AND TIME PRINTED: 07/06/2022 13:25:23
 PAGE 1 OF 1

--DEGREES AWARDED BY OTHER INSTITUTIONS--

BE 09/20 College in India

STUDENT LEVEL : Graduate
 COLLEGE : Graduate Division
 DEPARTMENT(S) : Computer Science & Engineering
 MAJOR(S) : Computer Science

-----ACADEMIC EVENTS-----

MSTR'S ADVANCED TO CANDIDACY 04/15/22

-----COURSE INFORMATION-----

Winter Qtr 2021 Graduate

CSE	202	Algorithm Design and Analysis	4.00	A	16.00
CSE	221	Operating Systems	4.00	A	16.00
CSE	251A	ML: Learning Algorithms	4.00	B	12.00
CSE	259	Seminar/Artificial Intelligence	1.00	S	0.00
CSE	290	Sem/Computer Sci & Engineering	1.00	S	0.00
TERM CREDITS PASSED			14.00	TERM GPA CREDITS : 12.00	
TERM GRADE POINTS			44.00	TERM GPA : 3.66	

Spring Qtr 2021 Graduate

CSE	227	Computer Security	4.00	A-	14.80
CSE	291	Top/Computer Sci & Engineering	4.00 <td>A</td> <td>16.00</td>	A	16.00
CSE	500	Teaching Assistantship	4.00 <td>S</td> <td>0.00</td>	S	0.00
CSE	599	Teaching Methods/Computer Sci	2.00 <td>S</td> <td>0.00</td>	S	0.00
TERM CREDITS PASSED			14.00	TERM GPA CREDITS : 8.00	
TERM GRADE POINTS			30.80	TERM GPA : 3.85	

SpecSumSes 2021 Graduate

CSE	298	Independent Study	1.00	S	0.00
TERM CREDITS PASSED			1.00	TERM GPA CREDITS : 0.00	
TERM GRADE POINTS			0.00	TERM GPA : 0.00	

Fall Qtr 2021 Graduate

CSE	250A	Probabilistic Reason&Learning	4.00	A	16.00
CSE	258	Recommender Sys&Web Mining <td>4.00 <th>A-</th> <th>14.80</th> </td>	4.00 <th>A-</th> <th>14.80</th>	A-	14.80
CSE	500	Teaching Assistantship	4.00 <td>S</td> <td>0.00</td>	S	0.00
TERM CREDITS PASSED			12.00	TERM GPA CREDITS : 8.00	
TERM GRADE POINTS			30.80	TERM GPA : 3.85	

Winter Qtr 2022 Graduate

CSE	291	Top/Computer Sci & Engineering	4.00	A	16.00
CSE	293	Spec Proj/Computer Sci & Engin	4.00	S	0.00
CSE	500	Teaching Assistantship	4.00	S	0.00
TERM CREDITS PASSED			12.00	TERM GPA CREDITS : 4.00	
TERM GRADE POINTS			16.00	TERM GPA : 4.00	

Spring Qtr 2022 Graduate

CSE	293	Spec Proj/Computer Sci & Engin	4.00	S	0.00
CSE	500	Teaching Assistantship	4.00	S	0.00
DSC	291	Topics in Data Science	4.00	A	16.00
TERM CREDITS PASSED			12.00	TERM GPA CREDITS : 4.00	
TERM GRADE POINTS			16.00	TERM GPA : 4.00	

-----SUMMARY-----

GRADE OPTION	UC-CRDTS ATTM	UC-CRDTS COMPL	CRDTS PSSD	UC-GPA CRDTS	UC-GRADE POINTS	UC-GPA
Letter	36.00	36.00	36.00	36.00	137.60	3.822
S/U	29.00	29.00	29.00	0.00	0.00	0.000
TOTAL	65.00	65.00	65.00	36.00	137.60	3.822

-----End of Student Level-----

-----End of Transcript-----

This official university transcript is certified to be a correct transcript of record. Student in good standing unless otherwise indicated.

Transcript void if altered.


 Cindy Lyons
 University Registrar
 Enrollment Management



TRANSCRIPT

Name : KEERTHANA PURUSHOTHAM				Duration of the Program : 4 Years										
University Registration Number : 1MS16CS145				Year of Entrance : 2016										
Medium of instruction : English				Year of Completion : 2020										
Program : Bachelor of Engineering(B.E) in Computer Science and Engineering														
Total Credits Required To Be Earned For The Award Of Bachelor of Engineering: 200														
Sl.No.	Subject Code	Subject Title	Credits	Grade Awarded	Grade Points	Sl.No.	Subject Code	Subject Title	Credits	Grade Awarded	Grade Points			
Semester I						Semester V								
1	AL101	Engineering Design	2	S+	20	1	CS51	Operating Systems	4	S	36			
2	CHY101	Engineering Chemistry	4	S	36	2	CS52	Database Systems	4	S	36			
3	CHYL101	Engineering Chemistry Lab	1	S	9	3	CS53	Computer Networks	4	S	36			
4	EC101	Basic Electronics	4	B	28	4	CS54	Java Programming	4	S	36			
5	HSS101	Constitution Of India And Professional Ethics	2	S+	20	5	CS55	Intellectual Property Rights	2	S	18			
6	HSS102	Environmental Studies	2	A	16	6	CS602	Artificial Intelligence	4	S	36			
7	MAT101	Engineering Mathematics-I	4	S	36	7	CSL57	Java Programming Laboratory	1	A	8			
8	ME101	Elements Of Mechanical Engineering	4	S	36	8	CSL58	Database Systems Laboratory	1	S+	10			
9	MEL103	Workshop Practice	2	S	18	9	CSL59	Computer Networks Laboratory	1	S+	10			
10	HSS104(K)	Kannada	0	Pass	0	Month/Year of Exam: Jan 2019			No of Attempts to clear Semester: #1					
Month/Year of Exam: Jan 2017			Semester Total Credits: 25			Semester Total Credits: 25			Semester Total Credits: 25					
Cumulative Total Credits: 25			SGPA: 8.76 CGPA: 8.76			Cumulative Total Credits: 125			SGPA: 9.04 CGPA: 8.6					
Semester II						Semester VI								
1	CS201	Fundamentals Of Computing	3	S	27	1	CS61	Compiler Design	4	B	28			
2	CSL201	Fundamentals Of Computing Lab	1	S+	10	2	CS62	Software Engineering	4	S	36			
3	CV201	Basic Civil Engineering And Mechanics	4	S	36	3	CS63	Unix System Programming And Web Technologies	4	S	36			
4	EE201	Basic Electrical Engineering	4	A	32	4	CS64	Mini Project-themes: Software Development For Portable Device/rich Internet Applications/embedded Systems	6	S+	60			
5	HSS203	Professional Communication	2	S	18	5	CSE11	Machine Learning	4	B	28			
6	MAT201	Engineering Mathematics-II	4	A	32	6	CSL66	Unix System Programming & Compiler Design Laboratory	1	S	9			
7	ME202	Computer Aided Engineering Drawing	2	S+	20	7	CSL67	IoT / Embedded Systems Laboratory	1	S+	10			
8	PHY201	Engineering Physics	4	A	32	8	CSL68	Web Technologies Laboratory	1	S+	10			
9	PHYL201	Engineering Physics Lab	1	S	9	Month/Year of Exam: Jun 2019			No of Attempts to clear Semester: #1					
Month/Year of Exam: Jun 2017			Semester Total Credits: 25			Semester Total Credits: 25			Semester Total Credits: 150					
Cumulative Total Credits: 50			SGPA: 8.64 CGPA: 8.7			Cumulative Total Credits: 150			SGPA: 8.68 CGPA: 8.61					
Semester III						Semester VII								
1	CS31	Engineering Mathematics-III	4	B	28	1	CS71	Computer Network Security	4	A	32			
2	CS32	Data Structures	4	A	32	2	CS72	High Performance Computing	4	S+	40			
3	CS33	Discrete Mathematical Structures	4	B	28	3	CS73	Data Analytics	4	S	36			
4	CS34	Theory Of Computation	4	B	28	4	CSE14	Cloud Computing	4	S+	40			
5	CS35	Analog And Digital Design	4	A	32	5	CSE23	Introduction To Deep Learning	4	S	36			
6	CS36	Object Oriented Programming With C++	3	B	21	6	CSE24	Project Management & Engineering Economics	4	A	32			
7	CSL37	Object Oriented Programming Laboratory	1	S	9	7	CSL74	High Performance Computing Laboratory	1	S+	10			
8	CSL38	Data Structures Laboratory	1	B	7	8	CSL75	Data Analytics Laboratory	1	S+	10			
Month/Year of Exam: Jan 2018			Semester Total Credits: 25			Month/Year of Exam: Jan 2020			Semester Total Credits: 26					
Cumulative Total Credits: 75			SGPA: 7.4 CGPA: 8.26			Cumulative Total Credits: 176			SGPA: 9.07 CGPA: 8.68					
Semester IV						Semester VIII								
1	CS41	Engineering Mathematics-IV	4	S+	40	1	CSIN	Internship	4	S+	40			
2	CS42	Design And Analysis Of Algorithms	4	S	36	2	CSP	Project Work	14	S+	140			
3	CS43	Microprocessors And Microcontrollers	4	S	36	3	CV0E01	Air Pollution & Control	4	A	32			
4	CS44	Data Communication	4	S	36	4	EAC	Extra Curricular And Co-curricular Activities	2	S+	20			
5	CS45	Computer Organization	4	S	36	Month/Year of Exam: Aug 2020			No of Attempts to clear Semester: #1					
6	CS46-1	Unix And Python Scripting	3	S	27	Semester Total Credits: 24			Semester Total Credits: 200					
7	CSL47	Algorithms Laboratory	1	A	8	Cumulative Total Credits: 200			SGPA: 9.66 CGPA: 8.8					
8	CSL48	Microprocessor Laboratory	1	S+	10	TOTAL CREDITS EARNED AS ON DATE: 200								
Month/Year of Exam: Jun 2018			Semester Total Credits: 25			MSRIT adopts a 10 points grading system as per the following details								
Cumulative Total Credits: 100			SGPA: 9.16 CGPA: 8.49			CREDITS LEFT: 0								
						Level	Outstanding	Outstanding	Excellent	Very Good	Good	Average	Poor	Fail
						Grade	S+	S	A	B	C	D	E	F
						Grade Points	10	9	8	7	6	5	4	0
						SGPA: Semester Grade Points Average				CGPA: Cumulative Grade Points Average				

G.S. Ramesh

MSRIT

Date of Issue : 02-11-2020

Controller of Examinations

Principal

M S RAMAIAH INSTITUTE OF TECHNOLOGY

[Autonomous Institute, Affiliated to VTU], [Approved by AICTE, New Delhi & Govt. of Karnataka],

Accredited by NAAC with 'A' Grade & Program Accredited by NBA



Recommendations



Received

Given

Pending



Chinedu Ibeh · 1st



CTO, Software Engineering and Cyber Leader | CISSP | Board Member | Partner

April 28, 2025, Chinedu managed Keerthana directly



All LinkedIn members

On




Keerthana was on my engineering team. Always curious, she asked sharp questions that clarified requirements, all while keeping a positive, motivating attitude. She collaborating with teammates through code reviews, and design documents. Keerthana also supported security maintenance for key Linux packages such as OpenSSL, ensuring our stack stayed stable and secure. Her blend of engagement, teamwork, and security-minded diligence makes her an asset to any development organization.

app.codesignal.com/assessments/past-results

CodeSignal

Past Results

RESULTS PENDING INACTIVE

Evaluation	Company	Proctored	Next Attempt	Completed On	Score
General Coding Assessment General Coding Assessment		Yes	Ready	May 13, 2022	534





TO WHOM IT MAY CONCERN

This is to certify that the project entitled “Cloud Software Testing” carried out by **Keerthana Purushotham**, student of “B.E -CSE”, [2016-2020], **M.S. Ramaiah Institute of Technology, Bengaluru** is hereby accepted and approved as a credible work submitted in the partial fulfillment for the requirement of degree of B.E from VTU, It is a bonafide record of the work done by her under our supervision during her stay as an Intern at **Cleo Software India Pvt Ltd**, from **04th Feb 2020 to 30th June 2020** and the project work has been completed successfully.

For Cleo Software India Pvt. Ltd.

(Vishal Byakod)
Authorized Signatory

CLEO SOFTWARE INDIA PRIVATE LIMITED

Regd. Office: IndiQube, The Leela Palace -Galleria, 4th Floor, 23, Old Airport Road, Kodihalli,
Bengaluru- 560008, Karnataka, INDIA Tel No. 080 – 46779111.
CIN No. U72200KA2015FTC080222; Website: www.cleo.com ; E-mail ID: vbyakod@cleo.com



TO WHOM IT MAY CONCERN

This is to certify that the project entitled “EDI Mapping Automation – Analysis of the problem & Generation alternative solutions using AI & ML” carried out by **Keerthana Purushotham**, student of “B.E -CSE”, [2016-2020], **M.S. Ramaiah Institute of Technology, Bengaluru** is hereby accepted and approved as a credible work submitted in the partial fulfillment for the requirement of degree of B.E from VTU, It is a bonafide record of the work done by her under my supervision during her stay as an Intern at **Cleo Software India Pvt Ltd**, from **01st July 2018 to 28th August 2018** and the project work has been completed successfully.

For Cleo Software India Pvt. Ltd.



(Vishal Byakod)
Authorized Signatory

CLEO SOFTWARE INDIA PRIVATE LIMITED

Regd. Office: IndiQube, The Leela Palace -Galleria, 4th Floor, 23, Old Airport Road, Kodihalli,
Bengaluru- 560008, Karnataka, INDIA Tel No. 080 – 46779111.
CIN No. U72200KA2015FTC080222; Website: www.cleo.com ; E-mail ID: vbyakod@cleo.com



September 20, 2021

Re: Keerthana Purushotham
Letter of Completion

To Whom It May Concern:

We are writing to confirm and to provide a Letter of Completion for the internship program here at BP Logix. Keerthana joined our team on June 16, 2021 and ended her term with us on Friday September 17, 2021. She was under the direct supervision of Gary Brown our VP of Engineering / R & D team.

Please do not hesitate to contact us with any questions.

Kind Regards,

Teri Nava
HR Manager
PH: 760-643-4121

1470 Encinitas Blvd, #232 Encinitas, CA 92024



M.S. Ramaiah Naveg
HSEIT Unit
Bangalore 560 076
www.msramiah.edu.org

T: 080 2360 3300/3301
P: 080 2360 3304
E: hseit@msramiah.edu.org
W: www.msramiah.edu.org

Ref No.: HSEIT/

Date:

LETTER OF RECOMMENDATION

Through this letter of recommendation, I would like to express my recommendation for Ms. Keerthana Purushotham, an undergraduate in Bachelor of Engineering in Computer Science and Engineering from Ramaiah Institute of Technology, Bangalore. I taught her an elective course in Artificial Intelligence in her fifth semester. Keerthana has completed two projects under my mentorship and will also complete her final semester project under my guidance.

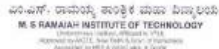
Throughout her term at our University, Keerthana demonstrated a high level of academic prowess accompanied by persistent hard work. She is indeed a proactive student with an unquenchable thirst for knowledge. As her guide and professor, I observed her in the theory classes and outside and found in her the ability to correlate things quite easily, with clarity and to express her views about the subject, especially Artificial Intelligence without any qualms. During the lectures in class, her enthusiasm in approach was reflected in the questions she would raise, which in turn would lead to many stimulating discussions and debates among other students. She also voluntarily presented the topic of NLP to the rest of the class in her fifth semester and condensed all the respective reading material for the class.

As her internal project guide and supervisor for her remote project at Samsung PRISM, I have seen Keerthana work well with her team where she helped formulate solutions and code with dedication and creativity. A polite and responsible student, Keerthana was always exceedingly courteous and good-natured. She was always socially composed and cooperative in times of organizing or being part of the numerous meetings and seminars with the external guides at Samsung R&D. She takes advice and uses it proactively in her work.

I believe that she has set high standards for herself and will not rest until she accomplishes all the goals she aims to achieve. Aware of her enthusiastic quest for knowledge and intellectual capabilities, I highly recommend her for the master's program at your renowned university. By equipping her with an admission and scholarship, you will not only give her an opening for career headway but will also help her conquer her goals in life. I hope and pray that she will become a leading professional in her field.

I will be glad to provide any further details on the above.

Regards,
Annapurna P. Patil
Designation: Professor, Chief Proctor
Department of Computer Science and Engineering
Mob: +91-9945409177 | Email: annapurna2@msrit.edu



LETTER OF RECOMMENDATION

It is a real delight for me to write this letter of recommendation for Ms. Keerthana Purushotham as she is motivated to pursue her master's program from your revered university. During her bachelor's course in the Department of Computer Science and Engineering, I had the opportunity to interact with her closely. I have taught her Programming in Java in the 5th semester and supervised the corresponding lab for it. I have also supervised her lab in Fundamentals of Computing in her second semester and have been one of the internal evaluators for her mini project in the sixth semester. Keerthana is, without question, one of the most outstanding students that I have taught in Ramaiah.

Keerthana has excellent analytical and logical skills which she applies resourcefully in problem-solving. She is not only keenly observant in classes but also tries to understand the logic of all that is taught to her and asks challenging questions. Some of her commendable qualities include her active interest in everything she takes part in and her resourceful skills of communication. She has the capability to voice her ideas clearly. I have closely seen her dedication to the Samsung student project that I had the pleasure to co-supervise. She has persevered in terms of analyzing problems, coming up with creative solutions, presenting her ideas clearly and writing good, functional code.

Her behavior has always been exemplary. Due to her pleasant and quick-witted nature she has made her presence felt among all her peers. Moreover, she has shown zeal in various extracurricular activities and sports. She is a core member of the Department of extracurricular activities and the coding club of colleges where she does commendable work. Her shrewdness in precarious situations, fearlessness and emotional maturity was evident when she took part in and organized various college events conducted by the Department of Computer Science and Engineering, The Literary and Debate Society and the Quiz Club.

Considering all the ways her potential can be further unlocked at your school, I take delight in saying that her performance will be outstanding at your University. I wish her a grand success in all her future endeavors. It is my hope that you will give great consideration to her admission application along with scholarships. I shall be readily available to answer any further questions.

Regards,
Dr. S. Rajanjeswari
Designation: Associate Professor
Department of Computer Science and Engineering
Mobile No: +91-9886715235
Email: raji@msrit.edu

LETTER OF RECOMMENDATION

It prides me in recommending Ms. Keerthana Purushotham, an undergraduate student of Ramaiah Institute of Technology. I have been up to date with Keerthana during her three years in college when I had the joy of communicating the key topics Fundamentals of Computing and Data Structures to her. I have also been the course coordinator for Compiler Design and oversaw her publication, "A Survey of Adaptive Compiler Optimization Heuristics" in the IJRESM. I hope my perspective will be useful to appraise the suitability of this commendable candidate, who is seeking a master's program at your reputed university.

Our institution is one of the premier institutions in the state and delivers quite a challenging curriculum. Keerthana, in turn, has fulfilled all the required metrics of assessment well. Right from the beginning, I could perceive that her grip of elemental concepts was conducive for the development of a practical approach. She has distinct and practical analytical skills that are well appreciated as they lend her consistency coupled with excellence in academics. She definitely stands out as a top student in her exceptionally competitive batch and has performed very well so far.

Keerthana is a dedicated and hardworking student. In addition to being goal oriented, it is also noteworthy to mention that she is helpful by nature and works well with her peers and teammates. She has the right balance of self-confidence and emotional maturity needed to be successful in a dynamic and competitive university like yours.

In my view, Keerthana is one of the best among my students and has a well-rounded personality. I believe that Keerthana has the required zeal to prepare and has sufficient motivation and intellect to meet the rigorous demands of a graduate program. I think she is a great prospect for the future and enrolling her with full or partial financial aid in your department is undoubtedly a prudent decision. I strongly recommend her for admission with aid to your reputed University. I am sure she will make an outstanding graduate student. I wholeheartedly recommend her for admission to the Graduate program at your University and wish her the very best in all her future endeavors.

Name: Dr. Parkavi A.
Designation: Associate Professor
Department of Computer Science and Engineering
Mob: +91-9886958079
Email: parkavi.a@msrit.edu





RAMAIAH
Institute of Technology

Department of Computer Science & Engineering

Certificate of Completion

for the subject

PROGRAMMING IoT WITH RASBERRY PI

as a part of four weeks Vocational Training Program conducted during June-July 2017
is Awarded to

KEERTHANA PURUSHOTHAM

Grade received : A



Akanavalli

Dr. Anita Kanavalli
Professor & Head
Department of CSE

N.V.R. Naidu

Dr. N.V.R Naidu
Principal

RAMAIAH INSTITUTE OF TECHNOLOGY
(Autonomous Institute, Affiliated to VTU)



March 2019

Certificate of Completion

This certifies that

KEERTHANA PURUSHOTHAM

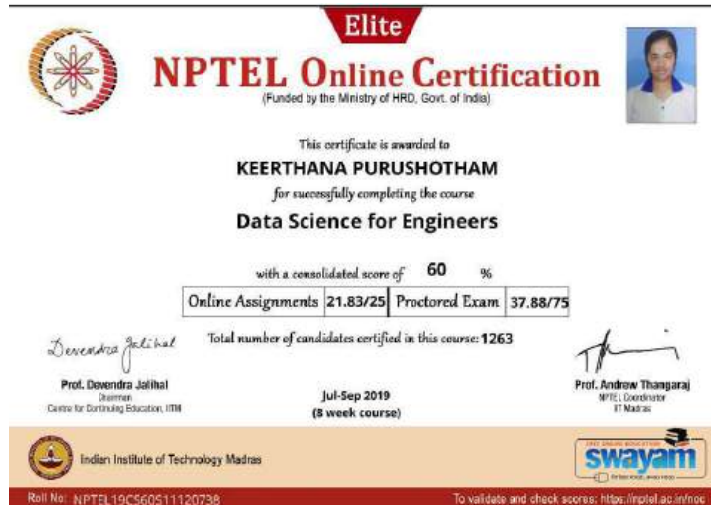
of Ramaiah Institute of Technology (RIT), Bangalore has successfully completed the training course on

"Container Technology"

during term **October 2018 to February 2019** and is awarded with this certificate.

Praveen K R

Praveen K R
Business Leader, University Relationship
Program



TEST TAKER SCORE REPORT

Note: This report is not valid for transmission of scores to an institution.

Keerthana Purushotham

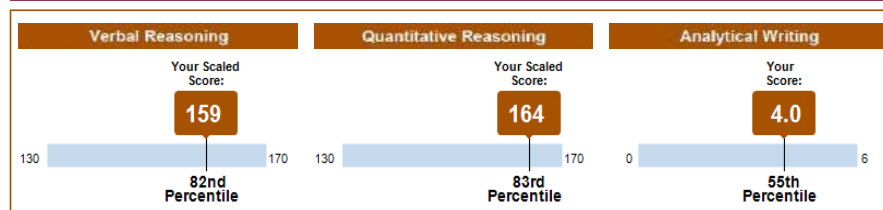
Most Recent Test Date: October 14, 2019

Address: [REDACTED]

Registration Number: [REDACTED]
Print Date: August 25, 2020

Email: keerthu_uru@mail.com
Phone: [REDACTED]
Date of Birth: [REDACTED]
Social Security Number (Last Four Digits): [REDACTED]
Gender: Female
Intended Graduate Major: Computer Science (0402)

Your Scores for the General Test Taken on October 14, 2019



Your Test Score History

General Test Scores

Test Date	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
October 14, 2019	159	82	164	83	4.0	55
August 29, 2019	155	67	160	72	3.5	38

Name: Purushotham, Keerthana
Last (Family/Surname) Name, First (Given) Name Middle Name
Email: keerthupuru@gmail.com
Gender: F
Date of Birth: [REDACTED]
Appointment Number: [REDACTED]
Test Date: September 07, 2019



Purushotham, Keerthana
[REDACTED]
[REDACTED]
[REDACTED]
anga ore, - arnata a [REDACTED]
India

Inst. Code	Dept. Code
5248	78
1631	78
1836	78
4836	78

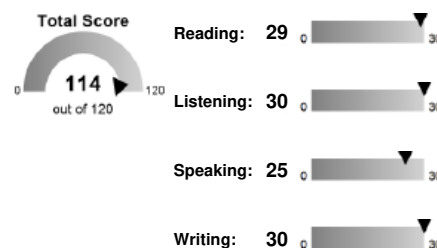
Country of Birth: India
Native Language: Tamil
Test Center: STN15484A - Kalvi Institute Private Ltd - Bangalore
Test Center Country: India

Security Identification

ID Type: PASSPORT ID No.: xxxxxxxxxxxxxxxxxxxxxx Issuing Country: India

THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.

September 07, 2019 Test Date Scores



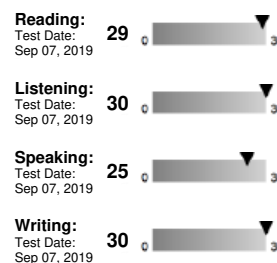
MyBest™ Scores

Your highest section scores from all valid test dates, as of September 12, 2019.

Sum of Highest Section Scores

114

out of 120



A test score is not reported when one or more sections have not been administered.

ISSN (Online): 2581-5792



IJRESM

International Journal of Research in
Engineering, Science and Management

www.ijresm.com support@ijresm.com

SJIF Impact Factor: 4.308

Certificate

It is here by certified that the manuscript entitled

A Survey of Compiler Optimization Techniques

by

Keerthana Purushotham

has been published in

Volume-2, Issue-5, May-2019

in

International Journal of Research in
Engineering, Science and Management

[Signature]

Editor-in-Chief (IJRESM)

All the best for your future endeavors



RAMAIAH
INSTITUTE OF TECHNOLOGY

Department of Sports

CERTIFICATE

ANNUAL SPORTS 2017-18

Awarded to Mr./Ms Keerthana Purushotham
of IV Semester CSE Branch
has successfully participated in Football Event
and Secured **WINNERS / RUNNERS** Position.

H K KIRAN KUMAR
Director of Physical Education

Dr. G S PRAKASH
Vice Chairman, Sports Committee

Dr. N V R NAIDU
Principal

M S RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, Affiliated to VTU)
(Approved by AICTE, New Delhi & Govt. of Karnataka)

MSR Nagar, MSRIT Post, BANGALORE - 560 054, Karnataka. Ph. : 23600822, 23608445, Fax : 080-23603124, 23607512 Web : www.msrit.edu
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RAMAIAH
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF SPORTS

CERTIFICATE

ANNUAL SPORTS 2018-19

Awarded to Mr./Ms Keerthana
of VI Semester CSE Branch
has successfully participated in Football Event
and Secured **WINNERS / RUNNERS** Position.

Dr. KIRAN KUMAR H K
Director of Physical Education

Dr. N Sri Ram
Vice Chairman, Sports Committee

Dr. N V R NAIDU
Principal

M S RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, Affiliated to VTU)
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Accredited by National Board of Accreditation & NAAC with 'A' Grade

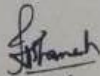
DR. M. S. RAMAIAH MEMORIAL
PARLIAMENTARY DEBATE '19

CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

KEERTHANA P

HAS PARTICIPATED AS A MEMBER OF THE ORGANIZING
COMMITTEE AS **A MEMBER OF CORE COMMITTEE** IN THE
10TH ANNUAL M. S. RAMAIAH MEMORIAL PARLIAMENTARY
DEBATE HELD DURING 14TH-16TH SEPTEMBER 2019.



CO-ORDINATOR
DEPARTMENT OF
EXTRA-CURRICULAR ACTIVITIES



PRINCIPAL
RAMAIAH INSTITUTE OF TECHNOLOGY



RAMAIAH INSTITUTE OF TECHNOLOGY
(Autonomous Institute, affiliated to V.T.U.)
DEPARTMENT OF EXTRA-CURRICULAR ACTIVITIES

DR. M.S. RAMAIAH MEMORIAL
PARLIAMENTARY DEBATE '17

CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Keerthana Purushotham

FROM MSRIT

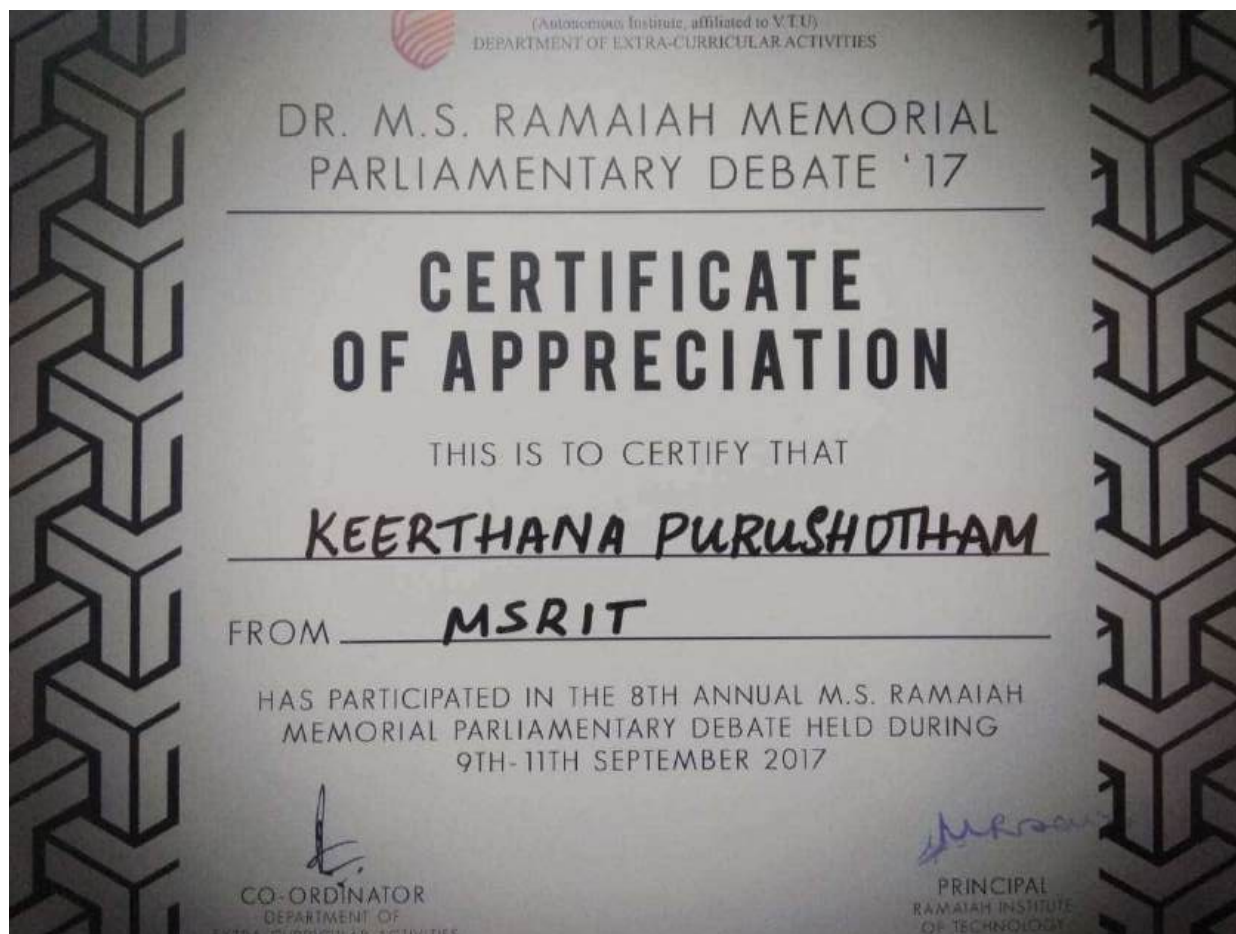
HAS BROKEN AS AN ADJUDICATOR IN THE 8TH ANNUAL
DR. M.S. RAMAIAH MEMORIAL PARLIAMENTARY DEBATE
HELD DURING 9TH-11TH SEPTEMBER 2017



CO-ORDINATOR
DEPARTMENT OF
EXTRA-CURRICULAR ACTIVITIES



PRINCIPAL
RAMAIAH INSTITUTE
OF TECHNOLOGY



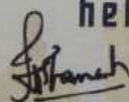






CERTIFICATE WINNER

This is to certify that KEERTHANA P
secured I place in GENERAL QUIZ at UDBHAV '18
held from 22nd to 24th March 2018.



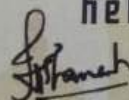
CO-ORDINATOR
Dept. of
Extra Curricular Activities

PRINCIPAL
MSRIT



CERTIFICATE WINNER

This is to certify that KEERTHANA P
secured II place in WORLD QUIZ at UDBHAV '18
held from 22nd to 24th March 2018.



CO-ORDINATOR
Dept. of
Extra Curricular Activities

PRINCIPAL
MSRIT



RAMAIAH
Institute of Technology



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAM
FROM M.S.R.I.T HAS TAKEN
PART IN BTPOURRI AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON NOVEMBER 9TH AND 10TH, 2018.

CO-ORDINATOR

DEPT OF EXTRA CURRICULAR ACTIVITIES

PRINCIPAL



RAMAIAH
Institute of Technology



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAM
FROM RIT HAS TAKEN
PART IN GENERAL QUIZ AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON 19th October, 2019.

CO-ORDINATOR

PRINCIPAL

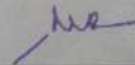
CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAM
FROM RIT, BANGALORE HAS TAKEN
PART IN POTPOURRI AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON 18th OCTOBER, 2019.



CO-ORDINATOR

DEPT. OF EXTRA CURRICULAR ACTIVITIES



PRINCIPAL

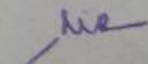
CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT MR./MS. KEERTHANA PURUSHOTHAM
FROM RAMAIAH INSTITUTE OF TECH. HAS TAKEN
PART IN FOOD & CULTURE QUIZ AT
DR. MS RAMAIAH MEMORIAL QUIZ FEST
HELD ON 19th & 20th OCTOBER, 2019.



CO-ORDINATOR

DEPT. OF EXTRA CURRICULAR ACTIVITIES



PRINCIPAL




TECH FEST 2016



Department of Telecommunication Engineering

This is to certify KEERTHANA . P
of TELECOMMUNICATION has
participated in the TECH FERNO competition
held on 2nd and 3rd December 2016 at
the institute.


COORDINATOR



PRINCIPAL


TECH FEST 2016



Department of Telecommunication Engineering

This is to certify KEERTHANA . P
of TELECOMMUNICATION has
participated in the Pokpounni competition
held on 2nd and 3rd December 2016 at
the institute.


COORDINATOR

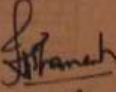

PRINCIPAL

Department of Extra-Curricular Activities

SHOUTOUT

PARTICIPANT

This is to certify that KEERTHANA PURUSHOTHAM bearing
USN 1M516TE018 was a PARTICIPANT in SKIT
performed at **SHOUTOUT 10.0**
held on 12th 13th & 14th October 2017


Coordinator

Principal


Ramaiah Institute of Technology
(Autonomous Institute, Affiliated to VTU)


ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆಗಳ ವಿಭಾಗ



ಪ್ರಶಂಸಾ ಪತ್ರ

ಕುಮಾರ / ಕುಮಾರಿ ಕೀರ್ತನಾ ಪುರುಷೋತ್ತಮ್ , 0 ನೇ ವರ್ಷ
ದೂರ ಸಂಪರ್ಕ ವಿಭಾಗದ ಇವರು , ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವ ಸಮಾರಂಭದ
ಅಂಗವಾಗಿ ಫೀಚ್ ಫೈರಿಂಗ್ ಸ್ಪರ್ಧೆಯಲ್ಲಿ ದ್ವಿತೀಯ ಬಹುಮಾನ ಪಡೆದಿದ್ದಾರೆ .


ಡಾ || ಕೆ. ಆರ್. ಫಣೀಶ್
ಸಂಯೋಜಕರು
ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆಗಳ ವಿಭಾಗ


ಡಾ || ಐನ್.ವಿ.ಆರ್. ನಾಂ
ಪ್ರಾಂಶುಪಾಲರು

ಎಂ . ಎಸ್ . ರಾಮಯ್ಯ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ



LIONS BLOOD BANK

BLST - Bhagawan Mahaveer Jain Hospital, Millers Road, Vasanthnagar, Bangalore - 560052.
Ph : 080-22266807, 080-22208148, 080-22200050 Fax : 080-22207767
E-mail : lionsbloodbank1983@gmail.com

Certificate of Voluntary Blood Donation

Sri/Smt. KEERTHANA

Please accept our sincere appreciation in service of humanity

of your **VOLUNTARY DONATION OF BLOOD**

Blood Group O POSITIVE

Venue : MSRIT

Date : 29/11/17

Chairman

Medical Officer



ಭಾರತದ ದೊಡ್ಡ ನದಿ ಸಮುದ್ರಕ್ಕೆ ದೇವರೊಡನೆ.
ಭಾರತದ ಹಿರಿಯ ನದಿ.
ಈ ದಿವ್ಯದಲ್ಲೂ ಅಂತಿಮವಾಗಿ ಪೂಜ್ಯರೊಬ್ಬರು
ಜೀವಿಸಿದ್ದಾರೆ. ಇವರಲ್ಲಿ ಇವರಿಗಿಂತ ಕಮಲ ಸಮಾನರು
ಇರಲೇಬೇಕಾದ ಒಂದೇ ಒಂದು ಪೂಜ್ಯರು
ಎಂದರೆ, ಅದು ಈ ಭಾರತ.

-ಸ್ವಾಮಿ ವಿವೇಕಾನಂದ

If there is any land on earth
where humanity has attained its
highest towards gentleness,
towards generosity, towards purity,
towards calmness, above all,
the land of introspection
and of spirituality - it is India.

- Swami Vivekananda

ರಾಷ್ಟ್ರೋತ್ಥಾನ ರಕ್ತನಿಧಿ

License No. : KTK/28C/51/97



RASHTROTTHANA BLOOD BANK

Initial Sponsors : Smt. Subhadraaben Jayantilal Nagardas Shah (Jain)
Regional Blood Transfusion Centre - Recognised by Government of Karnataka

ಪ್ರಶಂಸಾ ಪತ್ರ / Letter of Appreciation

Keerthana . P.

ನೀವು ನಮ್ಮ ರಕ್ತನಿಧಿಗೆ ನಿಮ್ಮ ಅಮೂಲ್ಯವಾದ ರಕ್ತವನ್ನು ದಾನ ಮಾಡಿದ್ದೀರಿ. ನಿಮ್ಮಿಂದ ಹಲವರಿಗೆ
ಜೀವನದಾನವಾಗಿದೆ. ನಿಮ್ಮ ಸಾಮಾಜಿಕ ಕಳಕಳ, ಕರ್ತವ್ಯಪ್ರಜ್ಞೆ ಪ್ರಶಂಸಾರ್ಹವಾಗಿದೆ.
ನಿಮಗೆ 'ರಾಷ್ಟ್ರೋತ್ಥಾನ ರಕ್ತನಿಧಿ' ಋಣಿಯಾಗಿದೆ.

You have donated your valuable blood to our Blood Bank and thereby saved
many precious life. Your social concern and responsibility is laudable.
Rashtrottana Blood Bank is grateful to you for the same.

Blood Group O +ve

Date of Donation 02-12-2016

General Secretary
Rashtrottana Parishat

Medical Officer
Rashtrottana Blood Bank

Keshava Shilpa, Kempegowda Nagar, Bengaluru - 560 019

Ph : 080-26608870, 26612730 Email : rbloodbank@gmail.com Website : www.rashtrottana.org



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The Consul-General of
the Consulate-General of Japan in Bengaluru 18TH MARCH 2018

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Consulate-General of Japan
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