



RAVILLA PAVAN BRAHMAKUMAR

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Objective:

To obtain a responsible challenging and rewarding position in a software development organization with an established track record where my skills, abilities and technical abilities can be utilized.

Educational Qualifications:

Course	Institute	University/Board	Year of Completion	Percentage (%)
B.Tech (C.S.E)	Malineni Perumallu Educational Society's	JNTU-Kakinada	2019	78.63
Intermediate	Sri Chatinaya IIT-JEE Academy	Board of intermediate	2015	90.8
SSC	Dr.KKR'S Gowtham International School	Board of secondary Education	2013	8.7 (GPA)

Certifications:

- “Microsoft” Certification in *java development*.

Technical Skills:

- Web Technologies : UI Dev using HTML5, CSS3, Javascript & AngularJS,
- Programming language : C Programming, Core Java.
- Packages : MS Office (MS-Word, Power point, Excel).
- Database Management : SQL sever.

Case Study:

WEB SERVICE PLUGIN FOR US STATE REAL ESTATE PORTALS

Description: An online business portal can replicate the look and feel of your business and provide you with greater control over your day-to-day processes. Regardless of time or user location, a web portal can be accessed quickly and easily on any device. In this project, Full MEAN-STACK is developed for searching the real estate details of New Jersey city. This approach uses terms of a Angular and NoSQL and evaluates results due to the user's preferences. At the end of the project, the web application is developed.

Internship:

- “Java applications and development” organized by Aspire Vision Tech Pvt. Ltd.

Academic Project:

- **Title** : A Layered Defense System against Cryptographic Ransomware Attacks Using Machine Learning
- **Description** :cybersecurity attacks caused by Cryptographic Ransomware massively crippled organizations across the globe. Based on the analysis of an extensive Ransomware dataset, this paper presents a layered defense mechanism with monitoring of a novel compact feature set that characterizes Ransomware behavior. Strong Trap layer (early detection), Machine Learning layer (zero-day intrusions) and File Backup layer (preserving user data) helps RansomWall to attain a detection rate of 98.25% with near-zero false positives using Gradient Tree Boosting Algorithm.

Co- curricular Activities:

- Participated in a workshop on “ **BLOCKCHAIN and HACKATHON**” which was conducted by idea labs.
- Participated on “**COMMUNICATION AND SOFTSKILLS**” organized by mpes.

Extra- curricular Activities:

- Organized various events like college fests,engineers day etc.
- Participated in sports like cricket,volleyball.
- Participated in 10K Walk Festival last two years.

Awards & Achievements:

- Got a 2nd prize in IMO in school(International Mathematics Olympiad).
- Got a 2nd prize in Academic Year.

Soft Skills:

- Communication skills.
- Presentation skills.
- Leadership skills.
- Quick learning on new technologies

Traits:

- Self-motivation.
- Positiveness.
- Self-Confidence.

Personal Details:

Father's Name : R.Lakshmi Narayana

Mother's name : R.Venkata Narayanamma

Date of Birth : 6 MARCH 1996

Address : 3-33-7/21A, Postal Colony, Narasaraopet, Guntur (522601)

Declaration:

I hereby declare that all the information given above is true to the best of my knowledge.

(R.BRAHMAKUMAR)