

Thota Sri Ranga Vineel

B.Tech (CSE)

Personal Info

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Date of birth
26-12-1997

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Technical Skills

Domain Programming

C
C++
JAVASCRIPT
PYTHON
PHP, HTML, CSS
Q#

Frameworks & Libraries

DJANGO
PANDAS
GTEST, GMOCK

Database

SQL (Database and Cube)
SSIS

Software

Microsoft SSMS
Microsoft SSIS
Visual Studio Online
Linux (Kali, Ubuntu, etcetera)
VMWare
Microsoft Office Suite
XAMPP
PyCharm

Languages

English
Telugu
Hindi

Experience

Software Engineering Intern

MAQ, LLC., Hyderabad, TG

(05/2018 -07/2018)

Achievements: -

- Successfully delivered a project as a team from a client in Redmond, USA.
- Have written optimized SQL queries to increase performance while querying through large databases and cubes.
- Have learnt using several database-related latest software tools.
- Deployed project on dev, test and prod servers of Microsoft without any major errors.
- Created automated test cases and mail system for reporting errors and status of deployed project.

Projects Undertaken

FY19 Capacity Planning

- Domain: DBIS, SSMS, SSIS, SSAS, Project tool, C++, SQL, Visual C++, Algorithms.
- Related to website and database development at MAQ Software for Microsoft partner management site.
- I have worked as a backend developer.
- I have learnt and used Microsoft SQL server management studio, SSIS, SSAS and Microsoft project tool for project deployment.

Soybean DNA sampling

- Domain: Machine Learning, Mathematics, C++, Algorithms.
- Achieved 88% of accuracy in the clusters.
- Reduced the size of sequences by 10-15%.
- The clustering was done using Non-probability techniques, Probability technique and K-mean clustering.

Online digital signatures

- Domain: Cryptography, Algorithms, Hashing, HTML, PHP, SQL.
- It is my BTP project about developing a method to use digital signatures without hardware token and key infrastructure.

Scheduler system web application

- Domain: PHP, HTML, DBIS, Cryptography, CSS, SQL, XAMPP, Hashing.
- In this project I lead a team of 4 students in making a scheduler web application for 2 machines.
- It is a web app that helps for booking slots similar to online booking sites developed as per client requirements.

Academic Qualification

Year	Degree/Certification	Institute	Result
2019	B.Tech CSE	IIT, Indore	7.39/ 10 (CPI)
2015	Class XII, (state board), MPC	ChaiNa	947/1000 (Marks) 1753 rd (IIT Rank)
2013	Class X, (state board)	Naryana Olympiad	9.70/ 10 (CGPA) NTSE Scholar

Positions of Responsibility

- Dining Secretary of IIT Indore Gymkhana (2017-2018)

Technical Interest

- Operating Systems and Security
- Machine Learning
- Web Application Development
- Programming