

Rishi Varun Tatavarthi

[portfolio](#)|[linkedin](#)| [github](#)|[leetcode](#)|[Geeks for Geeks](#)| +91 9347740140| tatavarthirishi@gmail.com

EDUCATION

- | | |
|---|-------------------------------|
| • Bachelor of Technology in Computer Science and Engineering
Sri Vasavi Engineering College, Tadepalligudem | 2022-2026
9.16 CGPA |
| • Board of Intermediate Education
Narayana Junior College, Bhimavaram | 2020-2022
953 Marks |
| • Secondary School Certificate
Narayana English Medium School, Palakol | 2019-2020
10 GPA |
-

SKILLS AND STRENGTHS

- Able to learn new tools and concepts quickly through practice and application.
 - I am skilled in using C, Java Core, Collections in Java,C++ (STL), MySQL, HTML, and CSS.
 - Good at how to work with data libraries like NumPy, Pandas and Matplotlib.
 - Intermediate knowledge of Data Structures and Algorithms, with practical experience in Java Collections.
 - Implemented Machine Learning algorithms related to Regression, Decision Tree, CNN & RNN.
-

PROJECTS

- Implemented a project on Securing Federated learning through Homomorphic Encryption.
 - Developed a gesture-based virtual keyboard using Python, OpenCV, and MediaPipe that enables users to perform the 3+ real time Google, YouTube, and Instagram searches through real-time hand gesture recognition in 2025.
 - Built a Student Management System Java application leveraging OOP principles and SQL/JDBC to manage student records with full CRUD functionality in 2025.
 - Created an NLP-powered application to simplify and translate complex legal documents into 3+ regional Indian languages (Telugu, Hindi, Tamil) in 2025.
 - Designed and engineered the backend of an Indoor Sports Booking System using Spring Boot and MySQL, implementing RESTful APIs for secure and efficient booking management.
 - Established and deployed a personal portfolio website using React and JavaScript to showcase my projects, skills, and accomplishments.
-

PROFESSIONAL ACCOMPLISHMENTS

- Resolved 450+ problems, achieving a coding score of 1000+ in Geek for Geeks using C++ & Java.
 - Achieved a total of 953 marks in Intermediate (+2).
 - Successfully organized and facilitated a workshop on GitHub for juniors during 5th semester, enhancing their understanding of version control and collaboration.
 - Served as Co-Lead for Event Management in the Black Box Student Community, coordinating and organizing student-driven events to foster engagement and collaboration.
 - Secured 1st rank in 5th semester and 2nd rank in 3rd semester among peers in my section, demonstrating consistent academic excellence.
-

CERTIFICATIONS

- Achieved certification in Microsoft certified: Azure AI fundamentals (AI-900) certification.
- Intermediate knowledge of Data Structures and Algorithms, with practical experience in Java Collections.
- Successfully completed English Strokes and Career Strokes course from British Council.
- I was awarded a Virtual Internship Certification on Fortinet Certified Associate in Cybersecurity.
- Earned Cloud Computing and Internet of Things certifications from NPTEL in 2024.
- I've Completed my Infosys Springboard Course on Data Structures using Java.