

# Tanvi Birelli

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## SKILLS AND INTERESTS

<b>Programming Languages:</b>	Python, JavaScript, Java, C
<b>Web Technologies:</b>	HTML5, CSS3, Bootstrap, jQuery, Node.js, Express
<b>Database:</b>	MySQL, MongoDB
<b>Libraries:</b>	Mongoose, NumPy, Pandas, NLTK, SpaCy
<b>Tools:</b>	Jupyter Notebook, Postman, Google Colab, VS Code, Git, GitHub
<b>Soft Skills:</b>	Critical thinking, Communication, Leadership, Quick Learner

## EDUCATION

<b>Maturi Venkata Subba Rao Engineering College</b>	2022 - 2026
Bachelor's of Engineering in Computer Science - AI & ML	<b>CGPA: 9.03</b>
<b>Sri Chaitanya College</b>	2020 - 2022
Senior Secondary (Class XII)	<b>Percentage: 98.6</b>
<b>Sri Chaitanya School</b>	2020
Secondary (Class X)	<b>GPA: 10</b>

## EXPERIENCE

<b>Web Developer Intern   Voat Networks</b>	Apr 2025 - present
<ul style="list-style-type: none"><li>• Learning and applying system design principles for backend architecture.</li><li>• Building REST APIs using Node.js, Express.js</li><li>• Implemented authentication and security features using bcryptjs and JWT</li><li>• Currently learning React for frontend development; practising testing and debugging.</li></ul>	

## PROJECTS

<b>Task Manager App – Java + JDBC + MySQL</b>	2023
<ul style="list-style-type: none"><li>• Developed a CLI-based Java application for managing tasks with create, read, update, and delete (CRUD) functionality.</li><li>• Applied OOP principles and used JDBC to connect Java with a MySQL database.</li><li>• Implemented due-date tracking and completion status logic using Java Date API.</li><li>• Tech Stack: Java, JDBC, MySQL, OOP, Console I/O</li></ul>	
<b>Student Course Management System</b>	2024
<ul style="list-style-type: none"><li>• Built a personal academic assistant for students to manage courses, tasks, and study resources.</li><li>• Implemented course tracking, task prioritisation, reminders, and resource library with auth.</li><li>• Tech Stack: Node.js, Express.js, MongoDB, HTML, CSS, JS, JWT, bcryptjs, Postman, Git, VS Code.</li></ul>	
<b>Multilingual Text Summarisation using Pretrained Transformers</b>	2024
<ul style="list-style-type: none"><li>• Built a summarisation pipeline using Hugging Face's mt5 model with the XLSum dataset.</li><li>• Explored mBERT, mBART, IndicBERT, IndicBART for low-resource NLP tasks.</li><li>• Gained experience in LLMs, evaluation, and transfer learning.</li><li>• Tech Stack: Python, Hugging Face, HTML, CSS, JS, FastAPI.</li></ul>	

## CERTIFICATIONS

- **Oracle Academy** (Database Programming With SQL)
- **Cisco Networking Academy** (JavaScript Essentials)