

SUPREETH S

R V College of Engineering
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LANGUAGES

- English (Fluent), Kannada (Native), Hindi (Fluent)

EDUCATION

- **R V College of Engineering, Bengaluru** *2023 – Present*
B.E. in Computer Science and Engineering *CGPA: 9.26 (up to 4th semester)*
- **SAI PU College, Bengaluru** *2021 – 2023*
Pre-University Education (Class 12) *Percentage: 96.33%*
- **Kendriya Vidyalaya Borjhar, Assam** *2016 – 2021*
Class 10 (CBSE) *Percentage: 97.6%*
- **Air Force School Borjhar, Assam** *2010 – 2016*

SKILLS

- **Programming Languages:** C++, Python
- **Web Development:** HTML, CSS, JavaScript

PROJECTS

- **P2P Video Chatting System** – A peer-to-peer system supporting video, text, and encrypted file transfer over WiFi.
Tools: Python, Flask, WebRTC, Socket.IO, AES Encryption
- **AI-based PDF Summarizer** – Automatically extracts and summarizes text content from academic and general PDF files.
Tools: Python, PyPDF2, Transformers, HuggingFace, NLP
- **Algorithm Visualizer** – An interactive tool to visualize common sorting and graph traversal algorithms.
Tools: HTML, CSS, JavaScript, D3.js
- **Rice Grain Quality Analyzer** – Detects and classifies rice grains using computer vision and deep learning.
Tools: OpenCV, Python, YOLOv8, Raspberry Pi Camera Module

ACHIEVEMENTS

- Received **Best Project Certificate** for second semester project titled *Solar Powered UAV*, academic year 2023–24.
- Secured **First Place** in *Pictorial: A Creative Fusion of Art and Mathematics* (Nov 2024), organized as part of National Mathematics Day with IQAC.

CULTURAL AND TECHNICAL EVENTS

- Participated in **Blood Donation Camp 2025**.
- Organizing team member for **Kannada Habba 2024**.
- Participated in **Atria University Hackathon** (March 2025).
- Volunteered in **HAM Club SDR Workshop (RVCE)**.
- Participated in **IPL Auction Analysis 2025**.