

ARJAV C PRABHU

Undergrad

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Education

K S Institute of Technology:	2022-2026
<ul style="list-style-type: none">• BE in Computer Science and Engineering• Current CGPA: 8.78/10	
BASE PU College:	2020-2022
<ul style="list-style-type: none">• Pre University Course• Percentage scored: 80.83%	
Sudarshan Vidya Mandir School	2010-2020
<ul style="list-style-type: none">• Percentage scored: 68.67%	

Projects

AI.D Node.js, Express.js, HTML, CSS, JavaScript, MySQL, AWS. Link	2024
<ul style="list-style-type: none">• Developed a cloud-based medical history management enabling secure storage and access of 100+ records.• Implemented JWT-based authentication, password hashing, and query handling to prevent SQL injection.• Designed a user-friendly web interface to simplify medical data handling.• Integrated AWS RDS for structured data management and AWS S3 for image storage.	
LIVE CHAT React.js, TypeScript, CSS, Node.js, NodeMailer. Link	2025
<ul style="list-style-type: none">• Built a real-time messaging application enabling seamless communication of two users with live message.• Leveraged WebSockets to enable real-time, low-latency messaging between users, ensuring instant delivery.• Implemented email-based invitations using nodemailer and user status indicators to enhance usability.• Designed a modern, responsive UI optimized for both desktop and mobile platforms.	
FACE RECOGNITION LOGIN Python, HTML, CSS, JavaScript, KPCA algorithm. Link	2024
<ul style="list-style-type: none">• Developed a face recognition login system using KPCA for non-linear feature extraction.• Reduced image feature dimensions by 95%, preserving facial characteristics for accurate recognition.• Implemented the system in Python, following structured coding practices and modular design.	
FILE CONVERTER Python, Flask, PyMuPDF, pdf2docx, docx2pdf, Pillow. Link	2025
<ul style="list-style-type: none">• Built a desktop app supporting HEIC, JPG, PNG, PDF, DOCX conversions.• Uses multithreading to process multiple files simultaneously, handling 1500+ files efficiently.• Converts files to target formats and packages results into a ZIP archive.• Implements secure file handling with thread-safe folders and structured error management.	

Technical Skills

Languages: Python, Java, SQL, C/C++, HTML/CSS, JavaScript.

Frameworks: React.js, Node.js, Flask, PyMu.

Developer tools: Git, AWS, VS Code, IntelliJ, Eclipse, SQL Workbench, PyCharm.

Languages

- English.
- German. [Link](#)
- Kannada.
- Hindi.

Certifications

- Deloitte Data Analytics Certification. [Link](#)
- CompTIA A+. [Link](#)