ARJAV C PRABHU

Undergrad

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Education

K S Institute of Technology: 2022-2026
- BE in Computer Science and Engineering
- Current CGPA: **8.78/10**

BASE PU College: 2020-2022
- Pre University Course
- Percentage scored: **80.83%**

Sudarshan Vidya Mandir School 2010-2020
- Percentage scored: **68.67%**

Projects

AI.D | Node.js,Express.js,HTML,CSS,JavaScript,MySQL,AWS. Link 2024
- 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
- 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
- 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
- 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.
- Kannada.
- German. Link
- Hindi.

Certifications

- Deloitte Data Analytics Certification. Link
- CompTIA A+. Link