ARJAV C PRABHU

Undergrad

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ABOUT

Undergrad student at K.S. Institute of Technology with a strong foundation in cloud computing, data structures, and database management. Experienced in collaborative software development through hands-on projects, including the creation of a student management system. Eager to apply technical skills and a passion for software development to contribute effectively to real-world projects.

PROJECTS

Cloud based Medical History managent:

A cloud-based medical history management system for **secure storage and access of patient records through a web interface**. Designed to streamline medical data handling and improve accessibility for healthcare users.

- **Tools:** Amazon RDS, Amazon S3 buckets, Amazon EC2 environment.
- **Programming Languages:** Node.js, HTML, CSS, JS, MySQL.

AlumniConnect: (Show credential ↗)

An **interactive platform to facilitate meaningful connections between alumni and students**. Aims to promote mentorship, guidance, and also professional networking within the academic community.

- **Tools:** Amazon RDS, Amazon S3 buckets, Amazon lambda, Amazon Cloudshell, NumPy libraries.
- **Programming Langauages:** React.js, Node.js, MySQL, HTML, CSS.

Face recognition using KPCA:

Implemented a face recognition system using **Kernel Principal Component Analysis** (KPCA) for **dimensionality reduction and feature extraction**. Developed in Python using VS Code for environment setup and testing.

- **Tools:** VS code, KPCA algorithm.
- **Programming language:** Python, html, css, js.

EDUCATION

K S INSTITUTE OF TECHNOLOGY: 2022-2026
- BE in Computer Science and Engineering
- Current CGPA: **8.82/10**

BASE PU COLLEGE: 2020-2022
- Pre University Course
- Percentage scored: **81%**

LANGUAGES

- English
- Kannada
- German (Show credential ↗)
- Hindi

SKILL

- CompTIA A+ (Show credential ↗)
- Java,Python
- AWS Cloud Practioner
- SQL
- UI/UX Design