

CHANDANA KN

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EDUCATION

RAJARAJESHWARI COLLEGE OF ENGINEERING

Visvesvaraya Technological University (VTU), Karnataka
B.E. in Computer Science Engineering - 8.8 CGPA

Bengaluru, India
2022 – 2026

SKILLS

Languages: C, Java, JavaScript, Python, JSON

Web Development: HTML, CSS, Bootstrap, Tailwind, React, Node.js, Express.js, Postman, AWS

Database: MySQL, Mongo DB

Machine Learning Libraries: Numpy, Pandas, Scikit-Learn, Matplotlib, Seaborn, TensorFlow, Keras, NLP, Google Colab, Flask

Platforms: PyCharm, Jupiter Notebook, IntelliJ IDEA, AWS, GitHub, GPT

PROJECTS

Thought Detection System for Coma Patients

Tech Stack: Python, Machine Learning, EEG Signal Processing

- Built a system to interpret EEG brainwave patterns for detecting cognitive signals in coma patients.
- Integrated AI models to analyze neural activity, enabling non-verbal communication and recovery monitoring.

Social Media Analytics Tool (SocialLite)

Tech Stack: React, Node.js, Express.js, MongoDB, Chart.js, Google OAuth

- Built a full-stack tool to fetch and visualize social media metrics like followers, reach, and engagement.
- Implemented Google login, OAuth-based account linking, and backend APIs for data processing and chart rendering.

INTERNSHIP EXPERIENCE

Software Intern – Hindustan Aeronautics Limited (HAL), Bengaluru

- Assisted in building and testing secure digital systems for internal documentation.
- Gained hands-on experience in digital transformation and secure content management.

CERTIFICATIONS

- The Complete Web Development Course by Udemy
- Infosys Springboard Python Fundamentals