

SHANMUGA PATEL KANI C

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OBJECTIVE

A driven and passionate student of AI and machine learning, I'm looking for chances to use and develop my abilities in practical projects. With a solid background in Full Stack Development, Python, data structures, and mathematics. Passionate about data-driven solutions, machine learning algorithms, and AI applications. Eager to contribute to innovative teams and gain hands-on experience in a dynamic and challenging environment.

EDUCATION

Bachelor Of Technology, Artificial intelligence and Machine Learning, Kongu Engineering College, Perundurai.

CGPA, 7.85 (Till 4th semester) .

CBSE(2022-2023), Kshatriya Vidhyasala Centenary School , Virudhunagar - 626001

Percentage, 80.2

SKILLS

Technical Skills	Java Script, Java , Python, C , React , Angular 2.0 , Angular 7.0
Soft Skills	Good Communication , Aptitude , Problem Solving , Mental Calculation.
Others	Machine Learning , Web Development , Deep Learning.

INTERSHIP

UI/UX INTERNPE

ERODE

- Collaborated with design and development teams to create intuitive and visually appealing user interfaces for web and mobile applications.
- Developed wireframes, prototypes, and mockups using Figma/Adobe XD.

PROJECTS

CrowdFunding. Developed a full-stack crowdfunding app that lets users discover, support, and fund community projects. Integrated Razorpay for secure payments with real-time funding updates and verification. Built responsive interfaces using React, handled user authentication, and managed data and API logic with Node.js and Express.

Autism Spectrum Disorder Detection using Machine Learning. Built a machine learning model to predict ASD using questionnaire responses and behavioral traits. Applied data preprocessing, feature selection, and trained classifiers such as logistic regression and random forest, achieving high prediction accuracy. Used Python, Scikitlearn, pandas, and Jupyter Notebook.

DOJ Virtual Assistant – AI-based Legal Chatbot. Developed an AI-based web assistant to simplify access to DOJ legal information using a large language model and a vector database for context-aware responses. Built with React, Node.js, Express enabling real-time legal query handling through a conversational interface.

EXTRA-COURSES

- ORACLE APEX CLOUD DEVELOPER CERTIFIED PROFESSIONAL
- MONGODB CERTIFIED ASSOCIATE DEVELOPER

LEADERSHIP

- School Pupil Leader for the Academic year 2022-2023
- Class Representative for the Academic year 2023-2024
- Executive Member of CSI conducted many events and guest lectures.