

KARUNANITHI M

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CAREER VISION

I aspire to become a proficient full-stack software/web developer known for my adaptability and innovative problem-solving skills. My goal is to create user-centric software solutions across diverse industries, while continually learning and contributing to open-source projects.

PROJECTS AND CO-CURRICULAR ACTIVITIES

Undergraduate Project, ADHIPARASAKTHI COLLEGE OF ENGINEERING, ANNA University, Kalavai
June 2023, Tamil Nadu, India

- Enhanced User Voice Control Ticket Vending Machine using Raspberry pi (15 weeks).
Description: A ticket vending machine to easy user interaction and control using raspberry pi and kivy application
- Signs with smart connectivity for better road safety. (15 weeks – IBM project - Without prototype)
Description: To prevent the accidents in roads and save the life (By the Nalaiyathiran held by Government).

Internship Project, ADHIPARASAKTHI COLLEGE OF ENGINEERING, ANNA University, Kalavai
June 2023, Tamil Nadu, India

- Intravenous drip infusion system using IOT (3 weeks)
Description: To prevent the entry of air bubble into the veins of the patient while glucose loading

Website Project (Java-Spring Boot, ReactJs, MongoDB, MySQL, JavaFX), By my own, codes in GitHub, overview video in LinkedIn.

- Day finder (1 day)
Description: A website that helps to find a day of given date/month/year from 1600-2100 using math calculations
- My-Website (4 day)
Description: A website where we can purchase electronic products.
- Quiz (2 day)
Description: A website that contains 60 questions of aptitude where our attempts and score can be viewed in profile
- Online-shopping (4 day)
Description: A website where we can see detail of a car, In profile we can upload our profile photo many times and if user is admin we can add data's of car to the website with images
- Instagram Clone (12 day)
Description: A website as a clone of Instagram with follow, like, comment, post (photo, video), suggestion, explore, reels, search user, email verification features.
- [Social media](#) (2 weeks)
Description: A website as a similar of Instagram with follow, like, comment, post (photo, video), suggestion, explore, reels, search user, email verification, notification, comment reply, comment like, replied comment like and loading screen features and deployed it in Netlify for reactjs and Render for spring boot.
- JavaFX (by YouTube tutorials)
Description: Basic Software's such as Video-Player, Stop-Watch, Calculator, Bank Management System

TECHNICAL SKILLS

Programming: Proficient in Java, Python, and SQL

Persistent Technology: JDBC

Web Technology: Skilled in HTML, CSS, JavaScript, and Bootstrap for creating engaging and responsive web applications

Frame Works: Experienced with Spring Boot for robust backend development and React.js for dynamic front-end user interfaces, Django, Kivy/KivyMD, JavaFx.

RDBMS: Oracle, MY-SQL.

Tools/IDE: Utilize Eclipse and VS Code for efficient coding and MySQL and MongoDB for database management

OS: Proficient in Windows OS for development environments

EDUCATIONAL QUALIFICATION

ADHIPARASAKTHI COLLEGE OF ENGINEERING , ANNA University	Tamil Nadu
Bachelor of Engineering , Major in Electronics and Communication Engineering	June 2023
CGPA: 8.45/10.0	

BHARATHIDASAN MATRICULATION HIGHER SECONDARY School , Kanchipuram	Tamil Nadu
HSC	June 2019
GPA: 7.4/10.0	

SSLC	Tamil Nadu
GPA: 8.52/10.0	June 2017

CERTIFICATIONS

- Semi Finalist in INVENTORS CHALLENGE conducted by ARM and ST Microelectronics.

TECHNICAL PAPERS AND WORKSHOPS

- Participated in workshops such as "Digital Image Processing", "ESP_32" and "Animation in adobe"
- Completed Employability Enrichment and Career Counselling at Lennox India Technology Center.

LANGUAGES

- Tamil – Speak, Read, Write.
- English – Speak, Read, Write.
- Korean – -----, Read, Write.

PERSONAL STRENGTH

- If any of task assigned, would like to take responsibility as an initiative.
- Confident and determined.
- Determined to the piece of work where can I learn many new things