# KARUNANITHI M

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## CAREER VISION

I aspire to become a proficient full-stack software 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 intraction 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-springboot,reactjs,mongodb,mysql),** 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 datas 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.

## 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
**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: 8.1/10.0

**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

- Pursuing (**JAVA, J2EE, SQL, Hibernate, Spring & Web Technologies**) Training from Pentagon Space Bangalore.
- 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.

## 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