# VIGNESHWARAN A

BE. MECHATRONICS ENGINEER

vigneshwaraneem.github.io/portfolio

📍 Coimbatore, Tamil Nadu.

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## OBJECTIVE

Aspiring Mechatronics Engineer with a keen interest in Java programming and web development. Seeking an entry-level role to apply my technical skills, learn from experienced professionals, and contribute to innovative projects.

## EDUCATION

**Bachelor of Engineering in Mechatronics (CGPA: 8.87)**                    **2019-2023**

Hindusthan College of Engineering and Technology (Autonomous-Anna University), Coimbatore

## TECHNICAL SKILLS

- Core Java programming
- HTML and CSS for web development
- MySQL database management
- Problem-solving and analytical thinking
- Object-oriented programming concepts

## PROJECTS

1. Project: Electricity Bill Payment System (Java Servlet - github.com/vigneshwaraneem/EBSystem)
   - Allows authorized access for administrators.
   - Enabled registered and guest users to pay bills swiftly.
   - Demonstrated expertise in Java programming and creating interactive GUI applications.
2. Project: Calculator (Java Swing - github.com/vigneshwaraneem/Calculator)
   - Engineered a calculator application using Java Swing
   - Implemented basic arithmetic operations and a history feature
   - Displayed adeptness in Java programming and crafting interactive GUI applications
3. Project: Currency Converter (Java Swing - github.com/vigneshwaraneem/currencyConverter)
   - Developed a Java Swing application
   - Enabled users to convert between fixed values of different currencies
   - Demonstrated proficiency in Java programming and creating user-friendly Swing graphical user interfaces

## CO-CURRICULAR ACTIVITIES

- Quality Circle Management Member
- College Class Representative
- Min-Entra Event Coordinator

## EXTRA-CURRICULAR ACTIVITIES

- Zonal-level Volleyball Player
- School-level Kabaddi Player
- Proficient in Rubik's Cube (3x3 & 4x4)

## SOFTWARE PROFICIENCY

- Core Java (IntelliJ-IDEA - jdk-19)
- HTML, CSS (Visual Studio Code)
- MySQL (MySQL Workbench)
- Microsoft Office Suite

## LANGUAGES

- English
- தமிழ்-Tamil (Native)

## AREA OF INTEREST

- AI
- App development