# VENKATESH PRABU

## Software developer

Aspiring software engineer passionate about building impactful solutions. Seeking opportunities to contribute to meaningful projects and grow within a collaborative team environment. Committed to continuous learning and professional development

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## EDUCATION

### Under Graduate
**Velammal college of engineering and technology**

*2021 - 2025*                     *Madurai*

Courses
- Information Technology

### HSC/SSLC
**Syed Ammal Boys Matric Higher Secondary School**

*2019 - 2021*                     *Ramanthapuram*

Courses
- Biomaths

## PROJECTS

**Recipe App (02/2024 - Present)**
- Created an Android app with React Native, featuring dynamic UI and essential functionalities. Conducted thorough testing to ensure compatibility and performance across various devices. Integrated third-party APIs to enrich user experience. Developed and packaged the app into an APK ready for deployment, demonstrating expertise in React Native development.

**Optimized Bi-GRU Models for Enhanced Heart Disease Prediction through Data Mining Techniques (06/2024 - Present)**
- To develop and validate an optimized Bidirectional Gated Recurrent Unit (Bi-GRU) model within a data mining framework for early detection and prediction of heart disease. This study aims to integrate comprehensive data preprocessing, feature selection, and model optimization techniques to enhance prediction accuracy, ultimately facilitating timely intervention and management of heart disease.

## WORK EXPERIENCE

### Intern
**Tarcin Robotics**

*12/2022 - 01/2023*

*Completed robotics projects at Tarcin, focusing on CAD/CAM design and IoT-based applications. Designed and developed mechanical components and integrated IoT technology to create innovative robotic solutions. Gained hands-on experience in engineering design, prototyping, and system integration.*

## SKILLS

`JAVA` `PYTHON` `SQL` `HTML` `CSS`
`JAVASCRIPT`

## CERTIFICATES

### Google UX Design - Coursera (10/2023)
*Completed the Google UX Design Professional Certificate on Coursera, gaining hands-on experience in user research, wireframing, prototyping, and usability testing. Developed a comprehensive understanding of UX principles and best practices through real-world projects.*

### Google Business Intelligence- Coursera (10/2023)
*Completed the Google Business Intelligence Professional Certificate on Coursera, mastering data analysis, visualization, and reporting techniques. Acquired skills in using tools like SQL, Tableau, and Google Data Studio to drive data-driven decision-making.*

### Joy of Computing - NPTEL (10/2023)
*Completed the Joy of Computing course on NPTEL, gaining a foundational understanding of programming concepts and problem-solving techniques using Python. Developed skills in algorithm design, data structures, and computational thinking. Enhanced ability to apply programming knowledge to real-world challenges and projects.*

## TOOLS

**Eclipse**
*Limited Working Proficiency*

**Visual Studio Code**
*Limited Working Proficiency*

**GitHub**
*Elementary Proficiency*

**React Native,**
*Limited Working Proficiency*

## INTERESTS

`Object Oriented programming` `Database SQL`
`Cybersecurity` `Cloud Computing`
`Mobile App Development`