# Naresh Kumar — Software Engineer

Chennai – India
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## Profile

Dedicated and goal-oriented person looking to pursue a career in the software engineering domain. Eager to apply my knowledge and skills to the respective company. Ability to learn things quickly and capable of working independently as well as team-driven environment.

## Skills

**Programming**: JAVA, Python, R, HTML, CSS, JAVASCRIPT

**Database Management**: SQL, MySql

**Version Control**: Git, GITHUB

**Developer Tools**: VS Code, RStudio, Eclipse, IntelliJ IDEA, Jupyter Notebook, MATLAB, UNITY, Microsoft Excel

**Languages**: English, Tamil, Hindi

**Soft Skills**: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

## Certificates

**Introduction to Generative AI**: GOOGLE CLOUD-COURSERA

**Operating Systems and You: Becoming a Power User**: GOOGLE-COURSERA

**Ethical Hacking Fundamentals**: PROMPT INFOTECH

**Data Science With Python**: GREAT LEARNING

## Education

**Master of Technology** — **CGPA:7.91**
*Vellore Institute Of Technology, Chennai* — *2019–2024*

**XII - HSC** — **Pecentage:78.6**
*Zion Matriculation Hr Sec School, Chennai* — *2018–2019*

**X - SSLC** — **Pecentage:95.0**
*Zion Matriculation Hr Sec School, Chennai* — *2016–2017*

## Projects

**Machine Learning Based Service Provider for Farmers (12/2023)** : Developed WebPage and obtained highest accuracy through Predictive Machine learning Model algorithms, Among which Crop prediction was 0.977 (Naive Bayes) and Fertilizer Prediction was 0.989 (GridSearchCV). Using Python Flask, HTML, CSS and JavaScript.

**Customer Churn Prediction System (12/2022)**: Using classification techniques to find out the leave subscriptions and collects the reasons behind the leave subscription of customers in the telecommunication industry. System achieves an accuracy of 99 percentage using the random forest classifier for churn predicts. Using R Programming.

**Driver Drowsiness Detection System (12/2022)**: Utilizing Arduino UNO and Eye blink Sensor, proactively identified drowsy drivers and trigger immediate alerts within 3-4secs using buzzer and light, which enhance road safety and prevent potential accidents.

**Under Water Image Enhancement System (05/2021)**: Optimized underwater image quality through the application of cutting-edge image processing techniques such as AHE, GC, BBHE, and CLAHE using the MATLAB tool, resulting in enhanced visualization and reconstruction of underwater images.