

# Dharaneish V C *Computer Science Engineer*

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## 👤 PROFILE

Budding computer science engineer proficient in C, C++, Python, SQL, with knowledge in ML and Data Science, seeking a long-time software developer role to leverage problem-solving, teamwork, and interpersonal skills to add value to the organization while enhancing skills and advancing career.

## 🎓 EDUCATION

**B. Tech. Computer Science and Engineering,**  
*Amrita Vishwa Vidyapeetham*  
Coimbatore | 2020 – 2024  
CGPA: 8.77 (current)

**All India Senior School Certificate Examination (Class 12),** *Sagar International School (CBSE)*  
Perundurai, Erode | 2020  
Score: 94.2% (School-level Topper)

**All India Secondary School Examination (Class 10),** *Sagar International School (CBSE)*  
Perundurai, Erode | 2018  
Score: 94.6% (School-level Topper)

## 📁 EXPERIENCE

**Web Developer Intern,** *Abhyaz*  
Aug 2022 – Sep 2022 | Remote, (5 weeks)  
Creating, Updating, maintaining static webpages

## 🔗 INTERESTS

- Software Development
- Data Science & Machine Learning
- Competitive Programming
- Core - Networks, Theory of Computation, OS

## 🏆 MERITS & AWARDS

**Amrita Meritorious scholarship,**  
*Amrita Vishwa Vidyapeetham (2020)*

**AISSE School-level topper - 2020,**  
*Sagar International School (CBSE)*

**AISSE School-level topper - 2018,**  
*Sagar International School (CBSE)*

## 🏠 ORGANIZATIONS

**Google Developer Student Club,** *Data Science Lead*  
Aug 2022 – present

**Association of Students of Computer Science for Information Interchange,** *Student Coordinator*  
Jun 2022 – present

## 🌐 LANGUAGES

English • Tamil • Hindi

## 📁 PROJECTS

### **Sentiment Analysis,** *Dec 2022*

Built ML models for hotel review analysis, using linear regression, logistic regression, DT, KNN, NBC, SVM, & K-means clustering, dimensionality reduction

### **Wikipedia page view analysis,** *Jan 2023*

analyzed and forecasted trends and patterns in Wikipedia page views using Moving, Exponential Average, ARIMA, seasonal ARIMA, Holt-Winters, Auto-ARIMA time series models.

### **College Placement cell management,** *Feb 2022*

Developed an OOPS-based Java project and a full-stack web development project using SQL for a college placement cell.

### **Automobile dealer management,** *Aug 2021*

Developed a C program for an automobile assembly plant that allows multiple dealers to purchase items and updates the inventory and accounts using file system.

### **Hospital management System,** *Jan 2022*

Developed a modular C++ project for patient management with CRUD operations and password-protected login, using OOP concepts, file management, & data structures

### **Canteen management System,** *June 2022*

Developed a full stack website for canteen management using JIRA tracking, MongoDB, ReactJS to do all CRUD operations in forms, password-protected login, table booking, cart, order

## 📄 PUBLICATIONS

### **Comparative Analysis of Deep Learning and Machine Learning Methods for Network Intrusion Detection**

*ICCNT 14 Conference, IIT Delhi, 2023, Scopus indexed IEEE*  
Comparative analysis of ML and DL models - CNN, MLP, RNN, LSTM, GRU, GAN, SVM, and XGBoost for binary classification of network intrusion detection on NSL-KDD dataset.

## 🧠 SKILLS & TECHNOLOGIES

**Programming:** C, C++, Java, Python (OOPS, Data structures, Algorithm), Basics of Haskell, Scala, GoLang, R lang

**DBMS:** MySQL, Oracle, MongoDB NoSQL

**Web Development:** HTML, CSS, JavaScript, ReactJS

**Operating Systems:** Windows 10, 11, Linux Ubuntu 22.0

**Tools & Packages:** Git, GitHub, Visual Studio Code, Eclipse, MS Office, Canva, Figma, Jira, Jenkins

ARM, MIPS assembly languages

## 📄 CERTIFICATIONS & UPSKILLING

**Basic R Programming,** *Great Learning (Aug 2022)*

**Fundamentals of ReactJS,** *Simplilearn (Apr 2022)*

**Fundamentals in Jira, Confluence, Trello,** *Atlassian*

**Cloud Fundamentals 101,** *AWS Educate*

**CodeJam, Kickstart,** *Google Coding Competitions*

**MS Excel Analytics, Pivot Tables, Charts,** *Coursera*