

Prarthna M

Sri Sivasubramaniya Nadar College of Engineering, Chennai | prarthna2310607@ssn.edu.in | +91 7339681883
linkedin.com/in/prarthna-m | github.com/Prarthna-M

Objective

A highly motivated and self-driven Computer Science Engineering student dedicated to developing my skills while effectively utilizing technological knowledge. Highly passionate about learning, and problem-solving. Excited to learn newest technology and improve skills with software development and system design. Currently deepening skills in mobile app development utilizing Dart and Flutter. I am a proactive team member who likes to be a part of a team who collaborates, exchanges ideas, and is involved in valuable projects within the technology industry.

Education

Bachelor of Technology (B.Tech) in Computer Science Engineering Sri Sivasubramaniya Nadar College of Engineering, Chennai CGPA: 8.345 (Till Date)	2023 – 2027
Higher Secondary Education (12th Grade) Bharathi Vidhya Bhavan Matriculation and Higher Secondary School, Erode Score: 585 / 600	2023
Primary Education SSM Lakshmiammal Nursery and Primary School, Namakkal	2016

Skills

Programming Languages and Tools: C, Java, Python, Tableau, Power BI, Basic MS-Excel

Core CS Concepts: Data Structures, Algorithms, OOP, SQL, OS

Web Development: HTML, CSS, JavaScript(Basics), React JS(Basics)

Soft Skills: Team Management, Leadership, Communication, Problem Solving, Collaboration, Adaptability, Time Management

Internships

Data Analytics Intern NoviTech R&D Private Limited (Online) Completed a one-month internship focused on data cleaning, visualization, and dashboard building using Tableau and Power BI. Gained hands-on experience with real datasets and improved analytical thinking.	May 21 – June 21, 2025
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Certifications

- **NPTEL – Cyber Security and Privacy**
Completed with an **Elite grade**; awarded based on high marks and active participation.

Publications

Trio Titans at CheckThat! 2024: Check Worthiness Estimation <i>CLEF 2024 – Conference and Labs of the Evaluation Forum</i> Authors: M Prarthna, V V Chiranjeev Prasannaa, M Sai Geetha, M Saritha Developed a classification model using transformer architectures (DistilBERT, ALBERT, RoBERTa) to estimate the check-worthiness of text items. Achieved 0.86 accuracy using RoBERTa. Participated in the CheckThat! Lab task 1.	2024
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Projects

Railway Reservation System (C, Terminal-based)

Designed a ticket booking system that displays available trains, generates tickets in HTML with real-time PNR, manages wallet balances, and calculates confirmation probability for RAC/waitlist passengers. Integrated password recovery with security questions. Learned file handling and real-time data generation.

Task and Habit Manager (Java, JavaFX)

Developed a task manager with personal/professional task categorization, collaboration via a 7-digit pin, and habit tracking with streak graphs. Added a community feedback system and motivational quotes. Gained basic experience in UI/UX design, JavaFX, and data persistence.

Volunteer Work

Data Whiz Event Volunteer, Invente 2024

2024

Sri Sivasubramaniya Nadar College of Engineering, Chennai

Gained knowledge of basic machine learning and data science while assisting in the event.

Smart India Hackathon (SIH) Internal Hackathon Volunteer

2024

Sri Sivasubramaniya Nadar College of Engineering, Chennai

Acquired practical experience in project evaluation, understanding key areas of focus..

National Service Scheme (NSS) Volunteer

Ongoing

Actively involved in social service initiatives, contributing to various community-based programs and outreach activities.