

# Avansh Chadgal

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## PROFILE

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Ambitious and technically focused CSE student with a clear career goal in Java Development. Currently developing expertise in core skills like Object-Oriented Programming (OOP) and Data Structures and Algorithms (DSA), while possessing solid knowledge of the Collections Framework and actively learning Multithreading and SQL. Seeking a challenging role to leverage a strong foundational knowledge and a rapid learning capability.

## PROJECTS

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### Car Rental System

**Java, OOP, Collections, Stream API**

- Developed an OOP-based car rental system with classes for car management and rental handling.
- Used Collections and Stream API for filtering available cars, sorting by price, and generating basic reports.
- Implemented features for car search, booking, and an admin view for key statistics.

### Number Guessing (Java Console Game)

**Java, OOP, Exception Handling**

- Developed an interactive number-guessing game using Java with random number generation and structured game logic.
- Implemented strong input validation and exception handling to manage invalid or non-numeric user entries.
- Ensured smooth and continuous gameplay by preventing crashes and tracking the total attempts made by the user.

### Rock–Paper–Scissors (Java Console Game)

**Java, Random Class, Input Validation**

- Built a single-player Rock–Paper–Scissors game where the user competes against computer-generated choices.
- Added support for user-defined number of rounds with score tracking and result calculation.
- Designed robust input handling to repeat turns for invalid inputs, ensuring an uninterrupted user experience.

### Personal Portfolio Website

**HTML, CSS, JavaScript**

- Designed and developed a fully responsive personal portfolio showcasing projects, skills, and achievements.
- Implemented a functional contact form integrated with a third-party service to route user messages directly to email.
- Demonstrated front-end development, UI design, and real-world form handling/integration skills.

## SKILLS

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### Programming Languages :

Java, C, MySQL , HTML/CSS

### Soft Skills :

Communication, Problem Solving, Team Collaboration

### Language Skills :

- English & Hindi : Read, Write, Speak (Fluent)
- Punjabi & Dogri : Speak and Understand

### Tools & Others :

VsCode, GitHub, Git, Canava , Google,Colab

## EDUCATION

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### B.E. Computer Science and Engineering,

*Velalar College of Engineering and Technology*

CGPA : 8.0

2023 – Present

Erode

## Achievements

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- Secured First Place in POWER BI WORKSHOP & ASSESSMENT organized by Data Pirates Club, VCET on 21/08/2024
- Third Prize in the MINDMESH event conducted by MAGNUMOPUS(Association of CSE), VCET during the Intra-Department Meet held on 11/04/2025

## CERTIFICATIONS

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### Advanced Diploma in Software Technology ↗

A+ Grade

### Introduction to Internet of Things - NPTEL ↗

75% (Elite + Silver)

### R Programming ↗

Value Added Course (05/08/2025 - 09/08/2025)

### Cloud Computing - NPTEL ↗

### HTML, CSS3, JAVASCRIPT ↗

from Infosys Springboard

### Introduction to Generative AI ↗

from SimpliLearn | SkillUP