

# SHODHAN KUMAR SHETTY

+91 7204211400 | shodhankumarshetty963@gmail.com | LinkedIn | CodeChef | GitHub

## EDUCATION

<b>Alvas Institute of Engineering and Technology, Karnataka</b>	2022–2026
Bachelor of Engineering in Computer Science	CGPA: 7.68
<b>Alva's Pre University College, Mangalore, Karnataka</b>	2020–2022
PCMC, Pre-university studies	Percentage: 79.89%

## PROJECTS

<b>Next-Gen Climate Monitoring Interface</b>	Dec 2023
<ul style="list-style-type: none"><li>- Built a futuristic, responsive dashboard using HTML, CSS, JavaScript, Three.js, and Chart.js to simulate real-time environmental sensor data and visualize analytics.</li><li>- Built full-stack booking site using React.js, Node.js, MongoDB. Enabled real-time booking and login auth with salted hashing.</li></ul>	
<b>Student Mark Management System</b>	May 2024
<ul style="list-style-type: none"><li>- Architected and developed a full-stack Java (J2EE) web application from scratch, leveraging the MVC design pattern to manage student academic records.</li><li>- Secured the application against SQL Injection vulnerabilities by exclusively utilizing JDBC Prepared Statements and implemented robust server-side and client-side input validation.</li></ul>	
<b>GitHub User Finder</b>	Jan 2025
<ul style="list-style-type: none"><li>- Searches and displays GitHub user profiles and latest repositories using the live GitHub API.</li><li>- Built with object-oriented vanilla JS, using async/await and the Fetch API for real-time UI updates.</li></ul>	
<b>Minesweeper Game Clon</b>	Apr 2025
<ul style="list-style-type: none"><li>- Constructed the complete user interface and game board using HTML5 and advanced CSS3, ensuring the layout was both responsive and intuitive for players.</li><li>- Implemented the recursive flood-fill algorithm as a key feature to automatically clear adjacent empty cells, a core mechanic of the original game.</li></ul>	

## TECHNICAL SKILLS

**Programming Languages:** Java, C, C++, Python, JavaScript  
**Web Development:** HTML5, CSS3, React.js, Node.js, Express.js  
**Databases & Data Handling:** MySQL, PostgreSQL, MongoDB, Jupyter Notebook, Excel  
**Tools & Platforms:** VS Code, Eclipse, Xcode, Git, npm, HackerRank, LeetCode, CodeChef  
**Design & Documentation:** Solid Edge CAD, Overleaf-LaTeX

## ACHIEVEMENTS

Earned 15,000+ points on Salesforce Trailhead via hands-on projects.	2024–Ongoing
Earned 9+ MongoDB badges across GenAI, Search, and Performance.	2025–Ongoing
Achieved Gold Badge for solving 500+ problems in Algorithms, Strings, Arrays, Heaps, and Stacks.	Sep 2024
Published IEEE GC4T-2025 paper: <i>"Phishing Detection using Deep Learning"</i> .	Apr 2025

## CERTIFICATIONS AND WORKSHOPS

<b>BCS304: Data Structures and Applications</b> – CodeChef,	Feb 2024
<b>Programming in Core Java</b> – Infosys Springboard,	July 2024
<b>TechA AWS Solution Architect Certification</b> – Infosys Springboard,	May 2025
<b>Supervised Machine Learning: Regression and Classification</b> – Coursera,	Oct 2024
<b>The Complete SQL Bootcamp</b> – Udemy,	Aug 2025
<b>Attended Workshop on Blockchain Cryptography and Encryption</b>	May 2024
<b>Attended Workshop on Salesforce Service</b>	Oct 2024

## ACTIVITIES AND HOBBIES

Actively train and participate in armwrestling at the college level.  
Pursuing self-practice in Taekwondo and Kyokushin Karate to build focus and discipline.  
Enjoy playing outdoor sports including football, kho-kho.  
Conducted Computer Fundamentals workshops for rural schools as part of NSS.