

Aryaman M Singha

+91 9864189907 | Kharar - Mohali, India | aryamansingha60@gmail.com

[LINKEDIN](#) | [LEETCODE](#) | [GitHub](#)

OBJECTIVE

Motivated Computer Science Engineering student seeking an entry-level Software Development role. Skilled in C/C++, HTML, CSS, JavaScript, Kubernetes, Docker, AWS, Azure, and CI/CD. Eager to research, create, and develop software applications, contribute to AI and machine learning projects, and collaborate on scalability and data access issues.

EDUCATION

Bachelor of Computer Science and Engineering, Chandigarh University

CGPA: 8.01 (2021- 2025)

Intermediate (CBSE), Shree Ram Academy

Percentage: 75.4% (2019 - 2021)

Matriculation (CBSE), K.V.K School

Percentage: 65.42% (2014 - 2018)

SKILLS

Programming Languages: C++, Python, HTML, CSS, JavaScript, ASP.NET, Go

Cloud Technologies: AWS, AZURE, Firebase

Operating System: Linux, Unix, Shell Scripting, Git, Bash

Frameworks: React.JS, Next.JS, Node.js, Express.js

Networking: OSI Model, TCP/IP, HTTP, HTTPs

Version Control Tools and IDE: Git, GitHub, Visual Studio Code

RELEVANT COURSEWORK: Database Management System (DBMS), Object-Oriented Programming (OOP),

Operating System Fundamentals (OS), Data Structure and Algorithms (DSA), software design

Soft Skills: Communication (spoken and written), Self-starter, Quick learner, Team Player

TRAINING & CERTIFICATION

- **Walmart Advanced Software Engineering Virtual Experience Program** - [Certificate](#)
- **AWS Academy Cloud Foundation** - [AWS Badge](#)
- **Oracle Cloud Infrastructure Architect Associate** - [Certificate](#)
- **HackerRank (Problem Solving)** - [Certificate](#)

PROJECTS

Next.js AI Chatbot :- [GitHub](#) | [DEMO](#)

Jan – Mar 2024

- Tools & technologies used: React.js, Next.js, Tailwind CSS, AWS Server, Gen API, GPT 3.5
- Leveraged free OpenAI for global news display, added support for various AI chat models, and integrated SDLC(Software Development Life Cycle).
- Segregates news by category and author with default OpenAI GPT-3.5-turbo
- User can navigate to their favorite genre due to an intuitive interface, with thorough testing at the system, subsystem, and component levels.

Taste Treasures Website :- [GitHub](#) | [DEMO](#)

Oct – Dec 2023

- Tools & technologies used: JavaScript, React.js, Next.js, MongoDB, HTML, Vue.js, JSON
- Create, read, update, host, and delete your published recipes. Consumer-focused, streamlined process.
- Manage recipes: create, read, update, host, delete. Technological competitiveness with RestaurantList, RestaurantCard, and DishesMenu via REST API
- Implemented bcrypt.js for password hashing, troubleshooted infrastructure, apps, and full software life cycle. Issue investigation and maintenance.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- **Solving 700+ Problem** Leetcode :- [LeetCode](#)
- **Done 600+ Projects** GitHub :- [GitHub](#)
- **Published research paper** on securing file storage through hybrid cryptography in the (IJFMR) :- [Research Paper](#)