

# AMRIT JOSHI

Full-Stack & Software Developer

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## SUMMARY

I'm a passionate and curious Computer Science and Engineering (BE CSE) student who loves turning ideas into real-world tech solutions. With a strong interest in full-stack development, clean code, and creative problem-solving, I enjoy building projects that are both impactful and user-focused. I'm a fast learner, a team player, and someone who thrives in challenges. Whether it's exploring new frameworks or debugging late into the night, I'm driven by a genuine love for technology and continuous growth.

## SKILLS

### Technical Skills

- Technical Skills
- Languages: C, C++, Java, Python
- Web: HTML, CSS, JavaScript, React, Node.js, Express.js
- Backend: REST APIs, MongoDB, JSON handling, Auth/session control
- Tools: Git, GitHub, Linux, Shell Scripting, VS Code, Postman
- Systems: Secure login systems, Bash CGI scripting, Docker basics
- AI & Productivity: Leverage AI tools for automation, optimization, and workflow efficiency

### Non-Technical Skills

- Skilled in organizing tasks, setting priorities, and meeting deadlines efficiently.
- Efficiently manages time, optimizes workflows, and leverages AI tools for enhanced productivity.
- Strong verbal and written communication skills for effective teamwork and knowledge sharing.

## EXPERIENCE

### Software Skills

- Loginator-3000: Secure Linux-based login system with Bash CGI, dialog UI, OTP 2FA, admin approval, session control, and Docker access.
- TechZen: Full-stack tech blog and price comparison site using Node.js, Express, MongoDB, and AI-powered tools.
- Table Booking System: Node.js-based session-tracked restaurant booking app (no database).
- Nine Tails Kitchen: Food delivery web app with user/admin portals, order tracking, and admin-controlled checkout/payment flow.
- Potion Master: Java CLI game showcasing core OOP concepts.
- Java OOP Repo: Educational GitHub repo for step-by-step Java OOP learning.
- More Projects: [github.com/Amrit1604](https://github.com/Amrit1604)

### Hardware Skills

- Developed a Smoke Detection System using sensors and buzzer modules for real-time fire alerting and safety monitoring.
- Built a Water Quality Monitoring System using Arduino and TDS sensors to measure and analyze water purity levels.

### Back-End Development

- Engineered the backend of TechZen, a full-stack platform using Node.js, Express, and MongoDB for tech news delivery, price comparisons, blogs, and AI integration.
- Built REST APIs, session/token-based authentication systems, and full admin control panels for custom web platforms.

### Database Management & DevOps

- Used MongoDB in full-stack apps like TechZen for NoSQL data management.
- Familiar with MySQL for basic relational data operations.
- Currently learning PostgreSQL for advanced relational DB design.
- Worked with Docker to manage containers and enforce role-based access in secure systems.

## CERTIFICATIONS

- Blockchain Fundamentals – Coursera (2025)
- Blockchain and Its Scalability – Coursera (2025)
- Google Cybersecurity Professional Course – Google/Coursera (2024)
- Finance & Investment Basics – Coursera (2023)
- More to come....

## EDUCATION

### Chitkara University, Punjab

Bachelor of Technology (B.Tech) – Computer Science and Engineering

2023 – 2027 (Pursuing)

Key Subjects: Data Structures, Web Development, Operating Systems, DBMS, AI Tools

### GMSSS 23-A, Chandigarh (CBSE)

Senior Secondary (Class XII) – PCM  
Completed: 2023

### CL DAV Public School, Sector-11, Panchkula (CBSE)

Secondary (Class X)  
Completed: 2021

### La Martiniere College Boys, Lucknow (ICSE)

Primary to Class IX