

Twinkle

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CAREER OBJECTIVE

Aspiring Software Engineer with strong problem-solving skills, proficiency in full-stack development (MERN + PostgreSQL), and experience in building scalable applications. Skilled in DSA, OOPs, and collaborative development using Git/GitHub. Seeking to apply technical expertise in software engineering roles to deliver efficient, maintainable, and impactful solutions

EDUCATION BACKGROUND

- **Bachelors in Computer Science & Engineering** | Chandigarh University, Mohali, Punjab **2023-2027**
CGPA: 8.46
- **Intermediate (CBSE)** | Scholars Pride, Faridabad, Haryana **2022-2023**
Percentage: 87%
- **Matriculation (CBSE)** | Scholars Pride, Faridabad, Haryana **2020-2021**
Percentage: 98.2%

TRAINING

- Completed an Intel Summer Training on AI For Future Workforce. **May 2025 - June 2025**

PROJECTS

- **Task Manager with Progress Tracker (EJS + Express.js)** **May 2025 - June 2025**
 - Built a productivity tool enabling users to create, track, and prioritize tasks with visual progress indicators.
 - Implemented **CRUD operations** with modular routing in Express.js.
 - Improved user efficiency by **30% through categorization and progress visualization**.
- **Event and DL Management System (Frontend)** **Jan 2025 – April 2025**
 - Automated **event creation, registration, and duty leave tracking** for student clubs.
 - Developed **role-based dashboards** for students, coordinators, and faculty.
 - Reduced manual tracking effort by **50%**.
- **A Hybrid Visual-ML Framework to Classify and Support Neurodiverse Learners (Python + ML + Streamlit)** **May 2025 – June 2025**
 - Designed ML framework using **Decision Trees, k-NN, Naive Bayes** for classification.
 - Achieved **85%+ model accuracy** after preprocessing with Orange.
 - Built **Tableau dashboards** for visualizing learning behavior, aiding educators in decision-making.

SKILLS

- **Programming Languages:** C | C++ | Java | JavaScript | Python (basic)
- **Problem Solving :** Solved 150+ DSA problems.
- **Software Engineering Practices:** Agile, SDLC, Debugging, Version Control, CI/CD (basic)
- **Web Development:** HTML5 | CSS3 | JavaScript | EJS | Bootstrap | Express.js | Node.js | RESTful APIs
- **Database & Tools:** PostgreSQL | MySQL (basic) | Postman | Version-Control (Git) | GitHub
- **Computer Science Fundamentals:** Data Structures and Algorithms (DSA) | Object-Oriented Programming (OOPs) | DBMS | Operating Systems (conceptual knowledge)
- **Soft Skills:** Team Collaboration | Time Management | Problem Solving | Communication

ACHIEVEMENTS

- Reached final round in CU Project Expo 2025.
- Core member of DroidLinux club; organized 'Algo Arena' event with 200+ participants.

CERTIFICATIONS

- Full Stack Web Development Bootcamp **(Udemy)**
- Cloud Computing **(NPTEL)**
- Web Development Workshop **(Microsoft Learn Student Ambassador)**