# Aryanka Shende

LinkedIn GitHub LeetCode Codeforces

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## EDUCATION

- **Indian Institute of Technology, Mandi** — Himachal Pradesh, India
  *B.Tech in Materials Science and Engineering; CGPA: 6.89/10* — *August 2024 – June 2028*
  - **Relevant Courses**: Data Science I

## PROGRAMMING SKILLS

- **Languages**: C, Python, JavaScript
- **Web and Databases**: HTML, CSS, Flask, Jinja2, SQLite
- **Tools**: Git, Github

## PROJECTS

- **BookNest — Book Review Web Application** — GitHub
  *Flask, Python, SQLite, HTML, CSS, Jinja2* — *October 2025*
  - **Full-Stack Web Development**: Built a full-stack book review platform with user authentication, session management, and secure password hashing using Flask and Werkzeug.
  - **Database Design & APIs**: Designed and managed a relational SQLite database for users, books, reviews, and search history; integrated Open Library API to fetch book metadata and cover images.
  - **User Experience Features**: Implemented user profiles with avatar uploads, review statistics, dark mode toggle, responsive layout, and search functionality by title, author, or ISBN.
- **Student Budget Handler — Expense Management CLI Tool** — GitHub
  *Python, CSV, Matplotlib, NumPy* — *January 2025*
  - **Personal Finance Tool**: Developed a Python-based command-line application to help students track and manage monthly expenses across categories such as food, travel, and entertainment.
  - **Data Storage and Visualization**: Implemented persistent expense tracking using CSV files and generated bar graphs using Matplotlib to compare actual spending against predefined budgets.
  - **Input Validation and Testing**: Designed robust input validation for categories and amounts, and wrote unit tests using pytest to ensure correctness and reliability of core functionalities.

## ACHIEVEMENTS

- Ranked among the top 5 female performers in CP101, a competitive programming contest organized by the Programming Club.

## EXTRACURRICULAR

- Volunteer in NSS (National Service Scheme), IIT Mandi
- Achieved A1 proficiency in Spanish
- Decor Team Head for Xpecto'26 (Technical fest of IIT Mandi)