

Inam Khan

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SKILLS

- Languages:** C++, Java, C, Python, JavaScript
- Technical Skills:** HTML and CSS, Pandas, Seaborn, Django, Tailwind, Scikit-learn
- Tools/Platforms:** MySQL, Excel, Power Bi
- Soft Skills:** Problem-Solving, Leadership, Time Management, Adaptability

PROJECTS

Restaurant Management Web Application | [GitHub](#) Oct 25 – Nov 25

- Developed a production-ready, full-stack restaurant management system encompassing menu control, order workflow, billing, and user authentication.
- Architected a normalized MySQL schema with Django ORM, optimizing data transactions for high-performance operations.
- Exposed RESTful API endpoints with CSRF protection and input validation to ensure secure, reliable data flow.
- Refined UI responsiveness using Tailwind CSS, ensuring cross-device compatibility and improved usability.

Tech: Django, MySQL, Tailwind CSS, JavaScript

Student Record Management System | [GitHub](#) May 25 – Jun 25

- Constructed a desktop-based academic records management system featuring an interactive Swing dashboard for intuitive data visualization.
- Streamlined CRUD workflows using optimized data structures, significantly improving search and update operations.
- Leveraged OOP principles (encapsulation, inheritance, polymorphism) for a maintainable and scalable codebase.
- Introduced robust exception handling and input validation to maintain data integrity and prevent runtime failures.

Tech: Java, Swing, OOP, File Handling

Laptop Price Predictor | [GitHub](#) Mar 25 – Apr 25

- Engineered an end-to-end machine learning pipeline covering data preprocessing, feature engineering, model training, and deployment.
- Applied regression modeling techniques and evaluated multiple algorithms based on RMSE and R² performance metrics.
- Mitigated overfitting using train-test split and k-fold cross-validation, improving model generalization.

Tech: Python, Pandas, NumPy, scikit-learn, Streamlit

TRAINING

Fundamentals of Data Structures | [Certificate](#) Jun 25 – Jul 25

- Completed intensive training on Fundamentals of Data Structures at Lovely Professional University.
- Strengthened core concepts including arrays, linked lists, stacks, queues, and trees
- Improved analytical and problem-solving skills through practical implementation tasks

CERTIFICATES

- Cloud Computing | [NPTEL](#) Nov 25
- Bits & Bytes (Google) | [Coursera](#) Oct 24
- C Programming | [CSE Pathshala](#) Sep 24

ACHIEVEMENTS

- Received a ₹10,000 stipend for developing a full-stack web application for Le Prestige Mall with secure user management and reliable project delivery. Oct 25
- Achieved the Responsive Web Design certification on free-Code-Camp, completing 1300+ practice challenges that enhanced my front-end skills and analytical proficiency. Dec 23

EDUCATION

- Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.60 Aug 23 - Present
- U.S.S College** Siwan, Bihar
Intermediate; Percentage: 63 Jun 22 – Mar 23
- Emmanuel Mission High School** Siwan, Bihar
Matriculation; Percentage: 73 Apr 20 - Mar 21