

Projects

Car rental Management System [JavaFX, MySQL, OpenCV, JDBC, BCrypt, OOP]

Oct-Nov 2025

- Built a JavaFX Car Rental Management System with Admin and Client roles
- Designed a MySQL database with secure BCrypt authentication
- Implemented real-time rental tracking, late-return indicators, and loyalty discounts
- Integrated webcam capture, CSV reporting, and a modern validated UI
- Developed admin controls for account management and system monitoring

Covid-19 detection system [python, HTML,CSS,tensorflow,keras,CNN, OpenCV, NumPy, flask,] April-May 2026

- Developed a CNN-based system for COVID-19 detection from chest X-ray images
- Applied data preprocessing techniques (resizing, normalization, augmentation)
- Trained and optimized the model using TensorFlow/Keras for accurate classification
- Built a Flask-based web application for real-time image upload and prediction
- Implemented an end-to-end pipeline from data processing to deployment

Fit life fitness web app (frontend) [HTML,CSS,Javascript,json , local storage]

April-May 2026

- Developed a responsive fitness web app using HTML, CSS, and JavaScript
- Implemented interactive features including dark/light mode, validation, and animations
- Built tools such as BMI calculator, workout timer, and searchable workouts
- Designed a dashboard to track user activity and Progress
- Managed client-side data using Local Storage and JSON

Puzzle Game Mobile Application [Flutter (Dart)]

Aug-Sep 2025

- Developed an interactive puzzle Game using Flutter (Dart) with a responsive UI
- Applied MVC architecture to separate Game logic, UI, and control flow
- Implemented puzzle state management, shuffle/reset logic, and Win detection
- Built a Dynamic puzzle board with smooth updates and user interaction handling
- Focused on clean code, reusability, and maintainable game architecture

Trainings

-Mobile Development Intern – XpertBot

March-May 2025

completed a mobile development internship, working on Flutter apps with authentication, profiles, and data integration. Strengthened UI/UX design, problem-solving, debugging, and teamwork skills through real-world projects.

Full-Stack Development Intern – RefIn (Job Matching Platform)

March-may2026

Developed a full-stack job matching platform using React and Fast API, implementing authentication, job workflows, and application tracking. Gained hands-on experience in API design, database systems, and collaborative development practices.

AI & Machine Learning Training Program

Jan-April 2026

Completed an advanced AI/ML training program with hands-on projects in CNNs, search systems, and RAG applications. Gained experience in data preprocessing, model optimization, and building end-to-end AI pipelines.

Skills:

- Problem-solving, debugging, and building scalable solutions
- UI/UX design (Figma, user-centered design)
- Git & GitHub (version control)
- Jira & Notion (Project management & collaboration)
- Development tools: VS Code, PyCharm, Postman, Docker (basic)&AI tools

Education

- BTech in Computer Science, Antonine University, 2nd Year, expected graduation: June 2027

