

## Prajwal Bhandari

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### OBJECTIVE

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AI and web development enthusiast, seeking to apply my technical skills and problem-solving abilities in a challenging environment where I can contribute, learn, and grow.

### SKILLS

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Technical Skills	Python, JavaScript, Kotlin, HTML/CSS, MySQL, Firebase
Soft Skills	Communication, Project Management, Problem Solving, Teamwork

### EDUCATION

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**Bachelor of Science in Computer Science with AI** | Softwarica, Coventry University **Expected 2027**

Pioneering student in inaugural AI program at Softwarica College

Relevant coursework: Machine Learning, Natural Language Processing, Data Structures

High School (+2 in science) | Arniko International SS and College **2021 – 2023**

### PROJECTS

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#### KeenChess – Interactive Web-Based Chess Game

- Designed and developed a feature-rich browser chess platform supporting all chess rules (castling, en passant, pawn promotion, threefold repetition, 50-move rule).
- Implemented move history tracking, undo/redo, auto-flip board, and victory/draw detection using vanilla JavaScript.
- Integrated the Stockfish engine for AI analysis and added game review export functionality.
- Built responsive, animated UI with custom modals for promotion, castling, and endgame states.
- Technologies: HTML5, CSS3 (responsive/animated UI), JavaScript (DOM manipulation, Stockfish integration).

#### Tail's Tale - Virtual Pet Care Mobile App (Frontend Developer)

- Developed complete UI/UX for Android virtual pet care app using Jetpack Compose
- Created dynamic pet management dashboard featuring real-time health statistics visualization, feeding schedules, activity tracking, and progress indicators with custom animations and state management.
- Technologies: Jetpack Compose, Kotlin (UI), Material Design 3, Custom Animations, Responsive Design, State Management, Android UI/UX Development.

## **EXTRA-CURRICULAR ACTIVITIES**

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- National Technological Festival Participation & Achievements: Participated in Locus 2023 and also have won People's Choice Award in Mechtrix 2023 (Institute of Engineering, Pulchowk Campus)
- Participated in Robo Warriors League, Softwarica (2024 - 2025)