



Bangladesh University of Business and Technology

Department of Computer Science and Engineering

ExchangeXP
(A Platform for Trade Your Tech Skill)

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Submitted To:
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Submitted a partial project proposal for our project
ExchangeXP (A Platform for Trade Your Tech Skill).

July 2025

ExchangeXP

Exchange Skills. Build Reputation. Grow Together

Project Summary

ExchangeXP is a web-based platform that enables individuals to exchange skills instead of money. It promotes learning, collaboration, and mutual growth through credit-based trades, mentorships, blog sharing, and community-driven interactions. Designed especially for students, freelancers, and professionals, this platform acts as both a marketplace and a portfolio builder.

Objectives

- Allow users to offer and request skills in a credit-based system.
- Enable blog sharing to promote knowledge exchange and visibility.
- Encourage users to build real-world experience and generate personal portfolios.
- Provide live chat.
- Introduce a tiered user progression system based on contributions.
- Offer premium features for advanced customization and growth.

Key Features

Skill Trade System

- Users post requests or offers to exchange skills (e.g., logo design for video editing).
- Each trade costs 5–15 credits depending on trade size.
- Secure chat and agreement system between traders.

Blog Sharing System

- Users can publish tutorials, experience articles, or showcase projects.
- Blogs appear on the user's profile and public feed.
- Likes, comments, and tagging features to increase engagement.
- Popular blogs contribute to profile credibility and exposure.

Credit & Tier System

- All users start as Newcomers with 25 free monthly credits.
- Tier progression: Newcomer → Rookie (150 credits) → Skilled (500 credits) → Pro (1000 credits) → Elite (based on achievements).
- Credit earnings increases as tiers rise.
- Pro users stop receiving monthly free credits.

Dynamic CV/Portfolio Builder

- Users generate auto-filled CVs based on trades and skills.
- Can link GitHub projects and upload screenshots of collaborations.
- Premium users get custom formatting and designs.

Live Private Chat

- Built-in messaging system for communication before and after trades.
- Optional file-sharing and task tracking within chat.

Premium Options

- Unlimited trades (Free tier capped at 3 trades per month).
- Advanced CV builders with templates.
- Access to top-tier users' skills and mentorship.
- Priority visibility on listings and blogs.
- Analytics dashboard for profile and performance tracking.

Target Audience

- Freelancers seeking to expand portfolios.
- Educational institutions promoting real-world practice.
- Students who want to gain experience.

Tech Stack

- Frontend: React.js or Vue.js
- Backend: Node.js (Express) or Django (Python) or Sprint boot (Java)
- Database: PostgreSQL or MongoDB
- Authentication: Firebase Auth / JWT
- Hosting: Vercel (Frontend), Railway / Render / Heroku (Backend)

Timeline (6 Months Plan)

Month 1: Initial planning, wireframing, and core blog system implementation.

Month 2: User authentication, profile setup, and database structure.

Month 3: Skill trade module, credit logic, and messaging system.

Month 4: Tier upgrades, and premium logic.

Month 5: CV builder integration, testing, and UI polish.

Month 6: Final QA, bug fixes, content prep, and launch strategy.

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(2025)