

RUHOLLAH NASERI

Junior Front-End / CE Student



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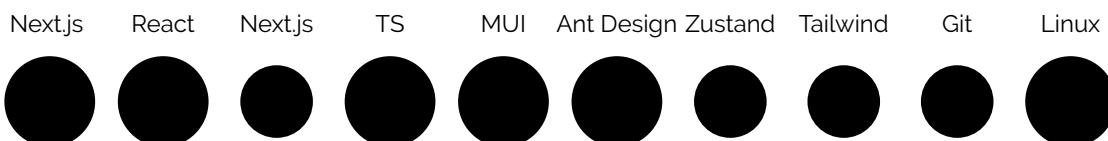
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PROFESSIONAL SUMMARY

Computer Engineering student and Teaching Assistant with a strong focus on front-end development using React and TypeScript. Experienced in building clean, user-focused interfaces with modern tooling and state management. Solid foundation in computer science fundamentals, algorithms, and C++, with practical exposure to backend systems through selected projects.



TECHNICAL SKILLS

Front-End

React.js, React Router
State Management: Zustand, Redux (learning)
Vite, Next.js
UI & Styling: Material UI, Tailwind CSS

Backend & Tools

Django, Django REST Framework
REST APIs, JWT Authentication
Basic knowledge of Redis, Celery
Git, GitHub, Linux, Docker, CMake

SELECTED PROJECTS

2024

Pedarkharj – Expense Calculation Web App

React, TypeScript, Material UI, Vite

A responsive single-page application for calculating and splitting shared expenses. Focused on clean UI, component structure, and user-friendly navigation. Demonstrates practical front-end architecture, state handling, and design-system usage.

github.com/ruhollah82/pedarkharj

Front-End Project

2025

BCPC Auth – Authentication Front-End

React, TypeScript, Zustand, React Router, Tailwind

A modern authentication interface designed for contest-style applications. Implements client-side routing, global state management, and extensible architecture for login and registration flows.

github.com/ruhollah82/BCPC-auth

Front-End Project

2025

AI Water Jug Solver

C++, CMake

An academic project implementing classical AI search algorithms (BFS, DFS, IDS, A*, RBFS) to solve the Water Jug problem. Demonstrates strong understanding of algorithms, state-space search, and clean C++ project structure.

github.com/ruhollah82/AI-Exercise

Academic Project

2026

BitTorrent Private Tracker Backend

Python, Django REST Framework

A backend system for managing a private BitTorrent tracker, including authentication and user management. Showcases backend architecture awareness, API design, and familiarity with real-world protocols.

github.com/ruhollah82/bittorrent-tracker

Backend Project

TEACHING & ACADEMIC EXPERIENCE

2023 – Present	Teaching Assistant – Programming Basics Assisted in teaching fundamental programming concepts Helped students with problem-solving, debugging, and understanding core CS principles Reinforced strong foundations in logic, algorithms, and code clarity	University of Birjand
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EDUCATION

2022 – Present	B.Sc. in Computer Engineering Current student pursuing Bachelor's degree in Computer Engineering Focus on software development, algorithms, and systems programming	University of Birjand
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LANGUAGES

Persian - Native
English - Intermediate
French - Learning

INTERESTS

Clean UI design systems
Maintainable front-end code
Problem-solving algorithms
Go programming

PORTFOLIO

GitHub as primary portfolio
Hands-on experience showcase
Active learning and improvement