RUHOLLAH NASERI

Junior Front-End / Software Engineer

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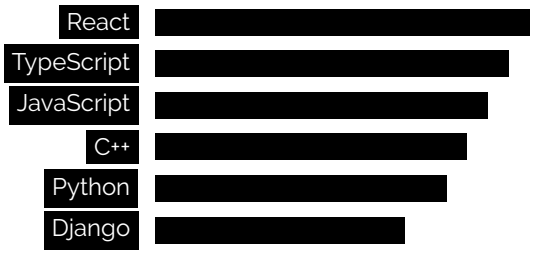
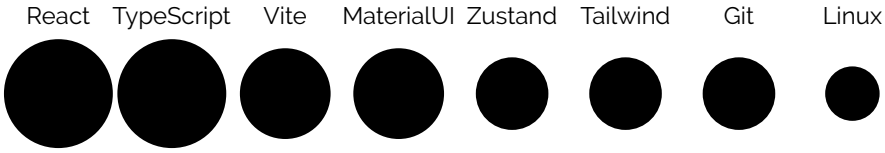
PROFESSIONAL SUMMARY

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

Languages
TypeScript, JavaScript
C++, Python

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** **Front-End Project**
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`

2024 **BCPC Auth – Authentication Front-End** **Front-End Project**
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`

2023 **AI Water Jug Solver** **Academic Project**
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`

2023 **BitTorrent Private Tracker Backend** **Backend Project**
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`

TEACHING & ACADEMIC EXPERIENCE

2023 – Present **Teaching Assistant – Programming Basics** **University of Birjand**
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

EDUCATION

2021 – Present **B.Sc. in Computer Engineering** **University of Birjand**
Current student pursuing Bachelor's degree in Computer Engineering
Focus on software development, algorithms, and systems programming

LANGUAGES

Persian - Native
English - Professional
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