

# PRANAV AGARKAR

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## EDUCATION

### Bachelor of Technology in Computer Science & Engineering

Walchand Institute of Technology, Solapur

Expected 2028

CGPA: 9.0

## TECHNICAL SKILLS

**Languages:** Python, Go, C, JavaScript, HTML, CSS

**Frameworks:** Django, Django REST Framework, React, Svelte

**Tools & Technologies:** Git, Docker, REST APIs, JWT Authentication, OAuth 2.0

**Platforms:** Linux, Wails (Go Desktop Framework), Vercel

## PROJECTS

### TaskVault Lite

Live Demo GitHub

Django REST Framework, React, JWT, OAuth

- Built a secure full-stack task management application with encrypted data storage using Fernet encryption
- Implemented JWT-based authentication with support for Google and GitHub OAuth integration
- Designed modular REST API architecture for seamless frontend-backend communication
- Deployed frontend on Vercel with Axios-based API layer for efficient state management

### BeamSync

GitHub

Go, Wails, Svelte, HTTP/UDP Protocols

- Developed a high-performance offline P2P file transfer system for local network sharing
- Engineered auto-IP detection and dynamic port scouting for reliable connection establishment
- Built cross-device sync feature with QR code generation for instant mobile connectivity
- Designed immersive cyberpunk-themed terminal UI with reactive Svelte components and audio feedback

## ADDITIONAL

**Interests:** Full-stack Development, System Design, Security, UI/UX Design

**Seeking:** Internship opportunities in Software Development / Full-stack Engineering