

# Atharva Anil Khairnar

Pimpri-Chinchwad – 411044, India

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## Education

Pimpri Chinchwad College of Engineering, Pune	2024 – 2027 (Expected)
B.Tech in Computer Engineering	CGPA: 7.56
KCE College of Engineering, Jalgaon	Aug 2021 - Jun 2024
Diploma in Computer Engineering	84.74%

## Work Experience

<b>Web Developer Trainee</b>	Jun 2023 – Aug 2023
Softanic Solutions Pvt. Ltd	Jalgaon
<ul style="list-style-type: none"><li>Developed 10+ responsive UI components using HTML, CSS, and JavaScript, achieving consistent rendering across Chrome, Firefox, and Edge browsers.</li><li>Implemented Django-based authentication and session management, securing access for 50+ registered users and reducing unauthorized login attempts.</li><li>Connected frontend modules with SQL databases, handling CRUD operations for 1,000+ records with efficient query execution.</li><li>Contributed to full-stack deployment and testing cycles, reducing post-deployment UI defects during internal testing.</li></ul>	

## Skills

- Languages:** JavaScript, Python, Java, C++, SQL, MongoDB, TypeScript, HTML, CSS
- Operating System:** Linux (Ubuntu), Windows
- Technologies & Frameworks :** Django, Node.js, Express.js, React, React Native, Streamlit, FastAPI, RESTful APIs, Serverless backend
- Databases and BaaS:** MySQL, MongoDB, SQLite, Redis, Supabase, Appwrite, Firebase
- Tools & Platforms:** Git, GitHub, VS Code, Docker, Vercel, Render, PythonAnywhere
- Concepts:** Data Structures & Algorithms, OOPS, DBMS, OS, Computer Networks, Machine Learning, System Design

## Projects

<b>Scrollpedia   React Native, Hono.js, Supabase, Python (ML)   <a href="#">GitHub</a></b>	Feb 2025 - Mar 2025
<ul style="list-style-type: none"><li>Built an AI-powered mobile application for short-form knowledge consumption using React Native and Supabase</li><li>Designed a transcript microservice with conditional storage to S3 or Cloudinary, returning metadata to Supabase.</li><li>Engineered backend in Flask for authentication and personalized feed generation using semantic article matching.</li></ul>	
<b>Booknest   Django, HTML, CSS, SQLite</b>	July 2023 - Feb 2024
<ul style="list-style-type: none"><li>Created a peer-to-peer academic book marketplace enabling users to list, search, and communicate in real time.</li><li>Enhanced search and filtering features supporting 100+ book records with optimized database queries.</li><li>Established secure user authentication and role-based access for buyers and sellers.</li></ul>	
<b>Hand Gesture Mouse Control   Python 3.10, PyAutoGUI, MediaPipe, OpenCV   <a href="#">GitHub</a></b>	July 2025 – Aug 2025
<ul style="list-style-type: none"><li><b>Implemented</b> a computer vision-based human-computer interface (HCI) achieving <b>95%+ accuracy</b> in gesture recognition for pointer movement and click actions.</li><li><b>Integrated</b> PyAutoGUI and MediaPipe to map real-time hand movements to system-level mouse events, providing a hands free user interaction for accessibility.</li></ul>	

## Achievements and Certifications

- National Level Ideathon 2.0– Finalist ( Top 40 out of 100+ teams ) with Scrollpedia app built in 24 hrs
- Introduction to Applied Data Science with Python
- Government of India Copyright Registration for the copyrighted work “Website for Old Age Homes, Orphanages and NGOs” under the Copyright Act, 1957.