

Atharva Anil Khairnar

Pimpri-Chinchwad – 411044, India

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Education

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

Work Experience

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

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

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

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.