

Arnav Panchal

📞 9226028255 — ✉️ arnavpanchal27@gmail.com — 📍 Pune, India — 🌐 github.com/Arnav-Panchal — 🔗 linkedin.com/in/arnav-panchal-39403223a

Education

SKN Sinhgad Institute of Technology and Science, Pune

Bachelor of Engineering in Information Technology

2021 – Present

CGPA: 7.59 (Final Year)

Shri Fattechand Jain Junior College, Chinchwad

XII (Higher Secondary Certificate)

2018 – 2020

70%

Shree Anantrao Kulkarni English Medium School, Pune

X (Secondary School Certificate)

2018

79%

Experience

Varshi Tech

Feb 2024 – Apr 2024

Web Developer Intern

- Developed responsive UIs using React and Tailwind CSS for **1+ international client projects**.
- Integrated interactive 3D elements using Spline and Framer, boosting session time by **20%** on key pages.
- Collaborated with **3+ developers and designers** to implement features, fix bugs, and ensure timely delivery.
- Contributed to **2 production-ready releases** through planning, testing, and deployment cycles.

Projects

SkillScope (<https://github.com/Arnav-Panchal/SkillScope>)

Apr 2025 – Present (In Development)

- Building an AI-based skill analyzer that extracts and categorizes technical skills from GitHub READMEs, resumes, or user input using NLP techniques.
- Implementing TF-IDF and a curated tech skillset to identify skills and map them to domains like Frontend, Backend, and AI/ML.
- Integrating a full-stack MERN application with a Python-based ML API for real-time skill visualization and analysis.
- Includes GitHub OAuth for auto profile analysis; deployment in progress via Vercel and Render.

DevConnect (<https://github.com/Arnav-Panchal/Developers-Collab-Platform>)

Aug 2024 – Present

- Built a developer collaboration platform with GitHub login and AI-driven team suggestions, reducing manual team-building effort by **40%**.
- Integrated ML-based skill analysis and project recommendations to improve team matching accuracy.
- Deployed full-stack MERN architecture supporting with REST APIs and real-time updates.

CampLink (<https://github.com/Arnav-Panchal/Camplink>)

Jan 2024 – Mar 2024

- Created a digital notice board to access centralized event and exam updates.
- Enabled role-based access for admins and students, reducing manual communication by **60%**.
- Used MongoDB and Express.js to store and serve real-time event data securely and efficiently.

WebTalk (<https://github.com/Arnav-Panchal/WebTalk>)

Feb 2023 – Mar 2023

- Built a secure one-on-one video calling app using WebRTC and Agora Web SDK, achieving **100ms latency** in stable connections.
- Implemented token-based authentication and signaling server with a **90% connection success rate**.
- Designed for business-grade privacy with encrypted communication and dynamic room management.

Skills

Languages C/C++, Java, Python, JavaScript, TypeScript

Frontend HTML, CSS, Tailwind CSS, React.js, Next.js

Backend Node.js, Express.js, Nest.js, REST APIs

Databases MySQL, MongoDB, PostgreSQL, Firebase

AI/ML TF-IDF, NLP, Skill Extraction, Python ML

Libraries

Tools/IDEs VS Code, IntelliJ, Eclipse, STS

Design Tools Figma, Canva, Framer, Webflow, Spline

Version Control Git, GitHub

Others Data Structures Algorithms, OOP, JWT Auth, OAuth, CI/CD (Vercel/Render)