

# Chirag Ferwani

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## Skills

**Languages:** C/C++, Java, Python, PHP, SQL, Dart

**Web Technologies:** JavaScript, HTML, CSS, Astro, React.js, Node.js

**Databases:** Firebase, Supabase, MySQL, MongoDB

**Tools & Platforms:** Flutter, Git, GitHub, Linux, Figma, PyCharm, VSCode, Android Studio

## Work Experience

**FluttrStore, Pune.** (A freelancing tech firm startup)

July 2023 – Present

### App Developer

- Led the migration, Built and optimized cross-platform apps using Flutter for seamless performance.
- Worked with designers and backend teams to enhance UI/UX and functionality.
- Managed app development lifecycle, ensuring timely delivery and client satisfaction.

**ICSE Scholar's Society, Pune.** (An ed-tech platform for ICSE students)

Apr 2021 – Oct 2021

### Head of Content Strategy

- Enhanced content strategies with organizational goals and resources for ICSE students.
- Led and managed a team of content creators maintaining standards of accuracy and clarity.
- Ensured content and Implemented SEO and distribution strategies for effective content reach.

## Education

**Birla Institute of Technology & Science (BITS), Pilani**

Feb 2025 – Feb 2028

Bachelor of Science (BSc), Major in Computer Science

**CGPA: 8.52/10**

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Information Systems

**Pimpri Chinchwad Polytechnic, Pune**

Oct 2021 – Jul 2024

Diploma in Information Technology

**CGPA: 9.78/10**

Relevant Coursework: Object Oriented Programming, Operating Systems, Computer Networks, Client-Side Scripting, Databases, Electronics and Microprocessors, Software Engineering, Mobile Application Development

## Projects

**Aarush – Let the Sun Work for You**

Feb 2025

- Crafted a solar energy estimation app using Dart and Google Maps API for precise rooftop analysis.
- Incorporated an energy calculator to estimate solar generation based on geolocation and system parameters.
- Engineered an interactive solar panel catalog, leading to 30% faster decision-making for users.

**MEDI – Medical Expertise Delivered Instantly**

Jan 2025

- Expanded a cross-platform healthcare app with nine different health modules using Flutter and Firebase.
- Merged Gen AI-powered recommendations, enhancing diagnostic accuracy by 25%.
- Created an intuitive UI/UX with Tailwind CSS for smooth navigation and optimized performance.

**Flint.AI – A Smart Social Media Performance Tool**

Dec 2024

- Designed a social media analytics tool using Langflow to track engagement and optimize content strategies.
- Used AI models like Groq improving insight generation speed by 70% and connected workflows with AstraDB.
- Constructed and deployed a landing page with Next.js to showcase the project and its features.

**Profit Pulse – Empowering Your Financial Decisions**

Jul 2024

- Built a financial calculator app with EMI, investment and tax calculators reducing manual calculation time by 85%.
- Blended real-time financial insights for loans, investments, and tax estimations.
- Developed a user-friendly interface using Android Studio with Firebase for secure data handling.

**VPN Sneak – Where Privacy Meets Innovation**

Mar 2024

- Led development of Android VPN app using Flutter and OpenVPN API for user privacy achieving 99.8% uptime.
- Created a secure VPN server reducing latency by 45% using Raspberry Pi and ESP-32 hardware devices.
- Awarded first prize under Cyber Security at state level competition (DIPEX) outperforming 100+ competitors.

## Awards & Certificates

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| • Recognized as 2 times Academic Topper at PCP, Pune                        | Mar 2025 |
| • Awarded best use of science award at NASA Space Apps, Surat               | Nov 2024 |
| • Achieved 3rd in Vortexa Hackathon, at DY Patil, Pimpri                    | Sep 2024 |
| • Earned 1 <sup>st</sup> position in Tech-Titans, 2K24 at PCP, Pune         | Apr 2024 |
| • Secured 1 <sup>st</sup> place in Cybersecurity, DIPEX 2024 at Navi Mumbai | Mar 2024 |
| • Winner of Brain Teaser, InfoSpark 2k23 at PCP, Pune                       | Oct 2023 |
| • Ranked 1 <sup>st</sup> in Tech-Vaganza 2022, SCOE                         | Nov 2022 |
| • City Topper of Aurangabad & AIR 48 in Technothon                          | Jun 2022 |