

KHUSHI SACHAN

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EDUCATION

Indian Institute of Information Technology and Management, Gwalior

July 2021 – July 2026

Integrated B.Tech and M.Tech in Information Technology

7.62/10 CGPA

St. Arnold's Hr. Sec. School, CBSE

May 2020

Higher Secondary

95.8%

EXPERIENCE

Udgam services, London | Full Stack Developer Intern

Dec 2023 – April 2024

- Conducted thorough **API testing using Postman** to validate over **50+ RESTful endpoints**, improving backend reliability and reducing integration issues by **30%**.
- Implemented secure **JWT-based authentication** across **3+ user roles**, enhancing access control and minimizing unauthorized access incidents by **40%**.
- Optimized **15+ ReactJS components** for better rendering efficiency, reducing average load times by over **20%** and enhancing user interaction speed.
- Collaborated with **4+ cross-functional teams** to resolve **25+ technical issues** and ship **10+ new features**, boosting system stability and user satisfaction ratings by **25%**.

PingoLearn | Flutter Developer Intern

March 2023 – August 2023

- Developed high-performance **cross-platform mobile applications** using **Flutter and Dart**, delivering seamless functionality on both Android and iOS platforms.
- Managed state with **Provider and Riverpod**, integrated **10+ REST APIs**, and executed rigorous testing and debugging to ensure **95% crash-free sessions**.
- Designed and implemented intuitive **UI/UX components** to enhance user interaction, increasing user satisfaction scores by **30%**.
- Collaborated with a **5+ member team** using **Git and GitHub**, and delivered timely app updates that improved **user retention by 20%**.

PROJECTS

InternTracker | Internship Scraper

- Devised a tool to scrape internships from **50+ career pages** of different companies and job boards using **Python Scrapy**.
- Designed and embedded automated data pipelines using **Python Schedule** and **Cron Jobs**, enabling real-time filtering and storage of **~10,000+ records/day** into **PostgreSQL**.
- Developed and deployed **RESTful APIs** using **Flask**, supporting **1000+ CRUD operations/day** with **psycopg2**, reducing manual intervention by **80%**.

Movie Ticket Booking App | Dart, Flutter, Provider, Firebase

- Built an end-to-end cross-platform app with **Flutter**, enabling real-time seat booking for over **500+ active users** using **Firebase Firestore**.
- Integrated **Firebase Authentication** and **Firestore** for secure and synced user data, achieving instantaneous UI updates.
- Leveraged **Provider** for scalable state management, reducing UI rebuild time by **35%**, enhancing app responsiveness.

SK-Hypermarket | A MERN Based grocery market app

- Engineered a fully functional **MERN stack** eCommerce platform, handling product listings, user carts, and order workflows for **1000+ SKUs**.
- Integrated **Redux** for scalable state management and **Stripe Payments**, processing over **\$5K+** in transactions/month securely.
- Deployed on **Vercel** (frontend) and **Render** (backend) with **99.9% uptime**, ensuring seamless availability to **~2K monthly users**.

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, Dart

Frontend: Flutter, ReactJS, MaterialUI, NextJS, TailwindCSS,

Backend: NodeJS, ExpressJS, Flask, Django, Fast-API

Database: MongoDB, PostgreSQL, MySQL, Redis, Firebase

Tools: Git & GitHub, GitHub Actions, Docker, AWS, Netlify, Vercel, Postman

ACHIEVEMENTS / POR

- Chairperson at IEEE**, IIIT Gwalior branch, leading tech initiatives.
- President of Student Activity Council**, IIIT Gwalior.
- Cleared **SIH'23 Regionals** among top national teams.
- Recipient of the **MMVY Scholarship** for academic excellence.
- Secured **Global Rank 1267/8500+** in CodeChef Starters March '23.
- Secured **finalist** spot in Hacksagon 2025 (among **80+** teams)
- Executive Member of E-Cell** & coordinator of multiple events.