Pragya Choudhary

Ishwar Krupa • Bangalore, Karnataka 560103 • pragyachoudhary759@gmail.com • +917417618610

Education

Indian Institute of Technology Roorkee   Roorkee, India
BTech, Chemical Engineering, 8.03/10, Minors: Mathematics, Graduated with Honours   June 2019
Leadership Roles:
- **Cognizance, Tech Manager 2018** - Led the tech team for Cognizance IIT R 2018, Asia's 3rd largest tech fest, developing an app and deploying 40 beacons, enhancing engagement for 10,000+ participants.
- **Culinary Club, Co-founder and Additional Secretary 2018** - Led the 50+ team, organising food events and cook-offs with 100+ participants, and managed the launch of IIT's first student-run cafeteria.
- **Kasturba Bhawan | Bhawan and Technical Secretary | 2017 - 2018 -** Led a multi-tiered team of 14 managers to oversee the welfare and technical advancement of 800+ girls.

Awards: Runners-Up Engineering Conference 2024 | Citi Women Leader Award 2018 | Gargi Puraskar 2015
Achievements: GS Basketball Team Winner 2023 | 3rd place in the On-Campus Round at Code Fun Do 2017 (Microsoft Hackathon) | Inter IIT Tech 2018 4th position.
Scores: All India JEE Advance **Rank- 2997 (Among 0.015%)** | JEE Mains **Rank- 6997 (out of ~ 20lakhs)**

Experience

Goldman Sachs   Bangalore, India
Associate (Global Banking & Markets, ETO Engineering)   October 2019 – Present
- **GSMetrics**: enhanced client experience by proactively detecting anomalies in market data across **17,000+ instances** for Prime Brokerage, Equities, and Fixed Income, providing 4-hour advance alerts.
- **Co-authored two influential white papers** presented at the 2024 Engineering Conference.
- Developed a Tableau dashboard for client health scores of 150 top clients, recognised among the **top 11 projects at the 2023 Engineering Expo.**
- **Apphero**: Spearheaded integrations with Service Now, STAR, and Keystone, managing **50,000+ alerts** and onboarding 50% of new users. Enhanced data security by encrypting **3,000+ Keystone tickets**. Led an LSTM-based program to filter non-actionable alerts, achieving over **50% predictive accuracy** for 23% of 1,026 services, significantly improving proactive alert management.
- **iWE Chapter** - Mentored three female students annually for two years in the iWe Tech Mentorship Initiative, empowering them to overcome resource limitations.
- Led NAPA Bootcamp training for the Portugal and Bangalore regions, impacting 500+ new joiners.
- **GS-India Book Club** -chosen to **lead the 2024 Cultural Fair**, organising events such as "Handwritten Letter Swap Behind the Book: Women's Month" and Silent Book Reading sessions biweekly.

Falcon Labs   Mumbai, India
Data Scientist, Internship   Dec 2018 – Jan 2019
- Developed user-centric APIs for IoT data extraction and real-time analytics, leading to significant energy savings by processing **millions of data points** hourly from **150 IoT devices**.

Citi   Pune, India
Summer Analyst, Internship (Equities Business Unit)   May 2018 – July 2018
- Streamlined data sourcing & improved messaging efficiency across NAM & APAC exchanges, enabling scalable & reliable data transmission, and enhanced operational performance and user experience.

Skills & Interests

Technical: Java, Python, React Js, Angular, Git, MongoDB, Sybase IQ, Postgress, Influx-DB.
Additional Courses: Linear Algebra | Advanced Mathematical Methods | Design and Analysis of Algorithm | Machine Learning | Financial Mathematics | Mathematical Statistics | Numerical Methods | Operating System | Qualitative Analysis of Financial Management