



Goransh Gattani

Metallurgical Engineering and Materials Science

Indian Institute of Technology Bombay

200110042

B.Tech.

Gender: Male

DOB: 25/07/2002

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2024	

PROFESSIONAL EXPERIENCE

FinTech Intern | FinIQ | A Singapore-based capital market platform provider (May '23 - Jun '23)

Awarded Letter of Recommendation for exemplary performance and dedicated work during the Internship

- Researched on 10+ financial instruments, **structured products**, and their correlations with the exchange rates
- Backsolved **Black-Scholes Pricing Model** to estimate strike price of European **FX Call option** given its premium
- Wrote a **C#** program for vanilla and barrier option pricing using **Vanna-Volga** approach and **Monte Carlo** simulations

Software Engineer Intern | Buyogo | Zurich-based SaaS firm offering digital commerce solutions (Dec '21 - Jan '22)

Awarded Letter of Recommendation for exemplary performance and dedicated work during the Internship

- Generated automated postal stamps that helped **SMEs** reduce operations time and increase warehouse ops efficiency by **30%**
- Optimized cost of the compute servers by implementing the basics of **serverless** programming on **AWS Lambda**
- Used the **EC2, S3 Bucket** and **Cloudwatch** features of **AWS** and **Postman** for testing distributed software systems

Software Engineer Intern | Hecco Technologies Private Limited (Prescribe) (Jun '22 - Aug '22)

Ohio based HealthTech Start-Up providing IT solutions to clinics and hospitals by leveraging user friendly platforms

- Fabricated a **notification spam prevention** mechanism with exceptions for severe notifications using **AWS Amplify**
- Implemented scheduled appointments and reminders on the app, using **Lambdas, API Gateway** and **CloudWatch** feature

KEY PROJECTS

Sports App | Institute Sports Council, IIT Bombay (Dec '22 - Apr '23)

- Created a fully responsive web app using **MEAN** stack with feature of adding live events and blogs from the admin side
- Developed **GC** and **Inter-IIT** components for displaying live scores and standings of **16+** Hostels and **7+** IITs respectively
- Ideated and Launched the features like **Digital YearBook**, **Grievance Redressal**, and sections for different sports and clubs

Institute Deliveries Portal | Hostel Affairs, IIT Bombay (Jul '23 - Present)

- Leading a 12-member team in developing web app based on **MERN** stack, streamlining order management across **10+** eateries
- Incorporated **delivery** and **takeaway** features, expanding convenience and accessibility for canteens lacking delivery services
- Developed user accounts storing order history, favorites, and a **feedback system**, promoting an enhanced user experience

Aavhan Website | Aavhan, IIT Bombay (Dec '22 - Feb '23)

- Spearheaded a team of **10** to develop a fully responsive website for Aavhan, catering to **300+** colleges and **30+** events
- Developed the portal using **MEAN** stack, consisting of personal as well as contingent **registrations & accomodation**
- Created an **Entry-Exit** system, automailing personalised QR codes, which were verified by InstiScan, a **React-Django** app

POSITIONS OF RESPONSIBILITY

Institute System Administrator | Hostel Affairs Council, IIT Bombay (Jun '23 - Present)

Overall Coordinator of DevCom | Handling Institute Network and Servers of 15+ Hostels and 10+ Councils

- Leading the **Network & Computer Committee** of **15+** Hostel SysAds to ensure **24/7** internet connectivity across campus
- Developed **scripts** and curated **documentation** to raise awareness about network usage and resolve issues effectively
- Maintaining the **Gymkhana** servers with **50+** websites and critical services for **10,000+** residents of IIT Bombay
- Ensured the upkeep of institute-wide used digital facilities like **Insti-App, Eateries Portal, Elections Portal & GRP**

Technical Head | Institute Sports Council, IIT Bombay (May '22 - Apr '23)

Awarded Organisational Special Mention | Part of 22 member team heading all the sporting activities, catering to 10k+

- Responsible for technical aid to **20+** sports activities, which involved deploying web portals and automising manual work
- Ideated and deployed portals like the **Sports App** and **Grievance Redressal** with **10k+** logins throughout the institute

TECHNICAL PROFICIENCY

Languages/Libraries C++, Python, Java, R, MATLAB, Git, Matplotlib, Numpy, Pandas, OpenCV, Tensorflow
Development BootStrap, JavaScript, Angular, ReactJS, PHP, Express, MongoDB, MySQL, NodeJS, Frappe

EXTRACURRICULAR ACTIVITIES

- Devoted **80+** hours of **volunteering** work to promote social sustainable development in **NSS**, in a team of **400** (2021)
- **Runner-Up** of the annual pitching competition **EnB Buzz** organised by EnB Club, among **100+** teams participated (2020)
- Achieved **first** position as part of **Hostel-9** team in Inter-Hostel **Stand Up** Championship held all over institute (2022)
- Team member of IIT Bombay team which bagged a **Gold** in the **All IITs Chess League**, held over IITs from all over India (2021)
- Efficiently managed logistics and operations for a lively 1000m **Color Run** with **2k+** attendees on Holi, at IIT Bombay (2023)