



Goransh Gattani
Metallurgical Engineering and Materials Science
Indian Institute of Technology Bombay

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B.Tech.
Gender: Male
DOB: 7/25/2002

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

Pursuing a minor in the Department of **Computer Science and Engineering** at IIT Bombay

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Buyogo GBMH (Dec '21 - Jan '22)
Zurich-based SaaS company offering digital commerce solutions for small and medium-sized B2B and B2C enterprises
Awarded **Letter of Recommendation** for exemplary performance and dedicated work during the Internship

- Implemented **Lambda** functions to **generate automated unique postal stamps** containing user and shipping details
- Optimized cost of the compute servers by learning and implementing the basics of **serverless** programming
- Studied advanced **AWS-SDK** concepts like **queues** and **S3** for testing **distributed software systems** for the firm

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

- Worked with **AWS-SDK** services like **Amplify** and **AppSync** for implementing **distributed software systems**
- Implemented a notification system in a react based app via **AWS Amplify** which motivate frequent use of the app

KEY PROJECTS

Sports App | Institute Sports Council, IIT Bombay (Dec '21 - Present)

- Ideated and created a fully responsive platform web app using **MEAN** stack like news, daily blogs and new events
- Launched **GC** and **Inter-IIT** components for displaying **live scores** by critically modelling different formats of scores
- Successfully implemented **SSO login** in express so that app is only accessible to insti-users with no need of signing up

Data Analysis of IPL | Course Project: Introduction to Machine Learning | Prof Abir De (Apr '22 - May'22)

- Performed **Exploratory Data Analysis** on IPL dataset for obtaining best performing team, batsman, bowler, etc.
- Implemented **Linear**, **RF** and **SVM** regression in addition to **Neural Network** and achieved upto **74.5% accuracy**
- Curated **Logit**, **SVM** and **Decision Tree** classifiers for predicting match winner by engineering different features

Grievance Redressal Portal | Institute Sports Council, IIT Bombay (Jun '22 - Present)

- Created a portal for addressing and resolving team issues related to the **Inter-IIT camp** and Institute Sports facilities
- Ideated and developed a cross platform, fully responsive website using **Angular** framework with backend on **NodeJS**
- Automatize **color coding** of complaints based on their severity by giving admin control to the required authorities

POSITIONS OF RESPONSIBILITY

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

Part of a 22 member team spearheading all the sporting activities of the Institute, catering to 10,000+ people

- Solely** responsible for providing technical assistance for **150+** sports activities undertaken by the Institute Sports Council, which involves deploying web portals, database management and streaming setup, by **leading** a team of three
- Planned to install **RFID scanners** on gymkhana facilities to show **real time occupancy** on the **Sports-App**
- Tasked with management and updating of the **PHP** based institute sports website alongside the **Aavhan** website

Department Academic Mentor | Student Mentorship Programme, IIT Bombay (Jun '22 - Present)

Selected in a team of 34 out of 95 applicants based on interpersonal skills and peer review

- Mentoring **6** sophomores to help with their academics, time-management, career decisions and personal endeavours
- Actively involved in conducting **career related sessions** aimed towards a department of **300+ students**

TECHNICAL PROFICIENCY

Programming	C, C++, Python, Java, R, MATLAB, Java, Git, HTML5, CSS, Javascript, \LaTeX
Framework/Libraries	NumPy, Pandas, Matplotlib, Tensorflow, Scipy, Sk-Learn, OpenCV, Angular
Web Development	BootStrap, ReactJS, MongoDB, PHP, MySQL, NodeJS, Frappe, Express, Rest

EXTRACURRICULAR ACTIVITIES

- Winner** of the annual pitching competition **EnB Buzz** organised by EnB Club, among **100+** teams participated (2020)
- Achieved **first** position as part of a 4-membered team in Inter-Hostel Stand Up Championship held all over institute (2022)
- Performed standup in Annual Standup Showcase, organised by ComedyCons, amongst **15** participants for **100+** audience (2021)
- Team member of IIT Bombay team which bagged a **Gold** in the **All IITs Chess League**, held over IITs from all over India (2021)
- Attained the **4th** position, out of 56 teams participated in IIT Bombay **CTF** conducted by the CyberSecurity Club (2021)
- Devoted **80+** hours of **volunteering** work to promote social sustainable development in **NSS**, in a team of **400** (2021)