Yash Raj Goel

Software Development Engineer

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EXPERIENCE

BARCO NV   Sep '23 — Present
Software Development Engineer   Noida, India
- Formed **Product Registration workflow**, enabling both **offline and online** registration methods to streamline user onboarding and hardware activation.
- Worked on a widget interface for EMT, reducing lag time for call by **20-30%** for preset, cue, etc.
- Extended product support to external devices like Crestron, drivers, etc., with the help of **RPC** tech and about **40 APIs.**
- **Integrated diagnostics & logging**, reducing troubleshooting time by **50%**, improving system reliability, and supportability.

Dori.AI   Jul '23 — Aug '23
Full Stack Engineer   Bengaluru, India
- Created the DSM dashboard to track the overall efficiency of models present in the current company at **1** place.
- Developed the build dashboard to add, delete, etc with projects, models, and datasets.

nference   Jan '23 — Jul '23
Software Engineer Intern   Bengaluru, India
- Implemented ECG annotation tools in JavaScript using CanvasJs, reducing annotation time by **90%.**
- Integrated advanced economic utility measurement, resulting in a **15% increase** in data fetching and enabling precise cohort capability evaluation.

Clappia   Jun '22 — Jul '22
Software Development Intern   Bengaluru, India
- Fixed **10+** frontend bugs on the Clappia App Edit and Submission pages and verified it through unit tests.
- Optimized query structure, reducing stack and database space (particular parameters) by at least **50%.**

PPLWORK   Feb '22 — Apr '22
Software Development Intern   Jaipur, India
- Coded segments of **2** web pages and debugged errors with the Client Engineer.
- Explored **30+ APIs** on NestJs/ExpressJs frameworks and MongoDB.

EDUCATION

B.Tech in Computer Science, MANIPAL UNIVERSITY JAIPUR (GPA: 9.58 / 10.0)   Jul '19 — Jul '23
                                                                                                              Jaipur, India
- Gained a strong foundation in Data Structures and Algorithms (**DSA**), Object-Oriented Programming (**OOP**), Database Management Systems (**DBMS**), Operating Systems (**OS**), and Computer Networks (**CN**)

ISC (XII Standard) in Science, Don Bosco School Siliguri (GPA: 97 / 100)   Apr '18 — Apr '19
                                                                                                              Siliguri, India

ACCOMPLISHMENTS

Dean's Certificate for Excellence
Manipal University Jaipur
Dean's Certificate for Excellence at MUJ for the highest GPA in B.Tech CSE.

GFG Top Rank 3
Manipal University Jaipur
Achieved top rank of 3, competing with 2400 students.

CERTIFICATIONS
Python (**University Of Michigan**), AWS Cloud Technical Essentials (**AWS**), UI Design (**University of Minnesota**), Google Cloud Fundamentals (**Google**), C for Everyone (**UC Santa Cruz**), etc.

PROJECTS

LOCAZON, Jaipur, Rajasthan Link   Oct '21 — Jan '22
SOCIAL MEDIA PLATFORM, Jaipur, Rajasthan Link   Jul '21 — Aug '21

SKILLS

Programming Languages: C, TypeScript, Java, Python, JavaScript, C++, QT / QML
Web Development: HTML, CSS, React, Angular, Flask, BootStrap, Material UI
Backend Development & Cloud: Node.js, Express.js, Flask, AWS, GCP
Databases & Tools: MongoDB, SQL, ElasticSearch, Git, GraphQL