

# RUGUNG DAIMARY

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## EDUCATION

**Delhi Technological University**  
*Bachelor of Technology ( Information Technology)*  
CGPA: 8.11/10

*Dec 2021 – May 2025 | Delhi, India*

## PROFESSIONAL EXPERIENCE

**Eythor | [Backend Developer Intern](#)**


*May 2024 – July 2024*

- Developed **RESTful APIs** for solar panel cleaning services, enabling seamless communication between clients and service providers.
- Architected and optimized MongoDB databases to manage client data, service schedules.
- Ensured data accuracy and reliability through comprehensive **validation** and **integrity checks**, crucial for maintaining service quality and client satisfaction.
- Configured **nodemailer** to automatically forward query details to the business owner's email, ensuring timely and effective communication between clients and the business.

## PROJECTS

**LearnSpace-EdTech Platform** — *React.js | Node.js | Express.js | MongoDB* | [\[Link\]](#) 

- Engineered a comprehensive ed-tech platform enabling users to create, access, and evaluate educational content.
- Integrated 6+ essential front-end features, including a homepage, course list, wishlist, cart checkout, course content, and account management for both students and instructors.
- Implemented 4 key backend features: secure **user authentication**, course management, cloud-based media storage with **Cloudinary**, and optimized payment processing via **Razorpay**.
- Established a robust **API** with Node.js and Express.js, ensuring seamless integration between front-end and back-end components.
- Enhanced data protection by incorporating **JWT** for user authentication and **Bcrypt** for password hashing, effectively reducing unauthorized access attempts.



**CodeIt-SearchEngine** — *Node.js | Express.js | ejs* | [\[Link\]](#) 

- Constructed a high-performance search engine for 3000+ problems from platforms like **LeetCode**, **InterviewBit**, and **Codeforces** using **Selenium**.
- Addressed edge cases with techniques such as number-word conversion, lemmatization, spell-checking, and camel case conversion.
- Leveraged **BM25 algorithm** and TF-IDF indexes for precise document ranking and accelerated search speed with RAM-based indexes.

**Hospital Management System** — *Java | JDBC | SQL Database | MySQL* | [\[Github\]](#) 

- Built a Hospital Management System using **Java** for database design, entity-relationship modeling, and relational schema creation.
- Configured a **MySQL database** with **10 entities** and **8 relationships**, using **JDBC** to enable efficient data management for patients, doctors, and billing systems.
- Designed and enforced table constraints to ensure data integrity, including **primary keys**, **foreign keys**, and checks, improving database reliability.
- Developed **SQL queries** for **CRUD** operations, ensuring seamless data retrieval and updates.
- Applied **primary keys**, **foreign keys**, and **check constraints** to enforce data integrity and ensure reliable relationships.

## ACADEMIC ACHIEVEMENTS

- **CodeChef**  **3 Star** Rated Coder.
- **LeetCode**  Highest Rating (1730+).
- Secured rank 263 in Codechef START122C among 5481. [Link](#)
- Solved over 1000 data structure and algorithm problems on LeetCode, CodeChef, and Codeforces.
- Advanced to the second round in **Flipkart GRiD 5.0** Software Development Track, progressing past the first of 3 elimination stages. [Link](#)

## SKILLS

- **Programming languages:** C++, JavaScript, Java(Basic), Python(Basic), HTML, CSS, SQL, NoSQL.
- **Web Technologies:** React.js, Node.js, Express.js.
- **Database & Version Control:** MongoDB, MySQL, Git, Postman.
- **Coursework:** Object-Oriented Programming, Database Management Systems, DSA and Operating Systems.
- **Certifications:** [Postman API Expert](#), [MERN Stack](#), [Python](#).