

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

ST Microelectronics | [Analyst Intern](#) *Jan 2025 – Present*

- Developing reports using Microsoft PowerApps like Power Bi, Power Automate and Oracle SQLdeveloper.
- Crafted robotic process automation using Python scripts to streamline processes and increase efficiency.

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.

SKILLS

- **Programming languages:** C++, JavaScript, Java, Python, HTML, CSS, SQL, NoSQL.
- **Web Technologies:** React.js, Node.js, Express.js, Maven.
- **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](#).

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.

DataCrypt — [Java](#) | [JSP](#) | [Servlet](#) | [MySQL](#) | [\[Github\]](#)

- Built a secure cloud storage solution with **client-side encryption**, ensuring data privacy and integrity.
- Configured key features including user registration, login, file encryption, and secure file download.
- Designed robust back-end functionalities with Java Servlets, handling user authentication, OTP generation, and database interactions.
- Enhanced security by employing **AES-256** for data encryption and **ECC** for secure key exchange.

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](#)