Rajlaxmi
B.Tech '25
Computer Science And Engineering
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 GitHub Profile
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EDUCATION

• **Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur** — *Sept 2021 - Present*
  B.Tech - CSE — CGPA/Percentage: 8.49

• **Navjeevan Mission School, Deoria** — *June 2018 - April 2020*
  CBSE, Uttar Pradesh — CGPA/Percentage: 93.4

INTERNSHIPS

• **Indian Railways - BLW Internship Program** — *July 2024 - Aug 2024*
  Intern
  – Acquired practical, hands-on experience across multiple domains, including Electronic Data Processing (EDP), Long-Term Scheduling (LTS) and Computer Numerical Control (CNC).
  – Collaborated with 5-membered team in planning and managing CNC operations, enhancing understanding of industrial processes and data management systems.

• **Coderscave** — *Aug 2023 - Sept 2023*
  Java Developer
  – Developed over 5 applications including a BMI Calculator, Fees Management System, and ATM Interface, improving problem-solving and UI design skills.
  – Created Number Guessing Game, enhanced programming logic, game mechanics, and improving efficiency by 30%.
  – Tools and technologies used: HTML5, CSS, JavaScript, ReactJS, Java.

PERSONAL PROJECTS

– **Wanderlust** — *Github*
  Designed a hotel booking site using the MERN stack with SQL for efficient booking, updates, and cancellations.
  * Built a full-stack hotel booking application using MongoDB, Express.js, React.js, Node.js, and SQL, featuring a user-friendly interface with CRUD functionality to manage reservations efficiently.
  * Optimized database queries to enhance performance, achieving a 20% improvement in response times.

– **FeastFinder** — *Github*
  Built a responsive restaurant website using React.js and Material UI, optimized for all devices.
  * Leveraged React.js, Material UI, and GitHub to design and develop a sleek, user-friendly interface with a fully functional menu bar, enhancing the browsing experience and ensuring high-quality, maintainable code.
  * Enhanced site performance by reducing load time by 25%, enhancing responsiveness, and ensuring a consistent user experience across multiple devices.

– **GenVision** — *Github*
  MERN stack web application enabling users to generate AI-driven images based on user-entered prompts.
  * Developed a full-stack GenAI-powered application using React.js, Node.js, Express.js, MongoDB, and OpenAI API, enabling seamless prompt-to-image workflows with response times between 0-10 seconds.
  * Integrated a responsive frontend using React.js, delivering a seamless and intuitive user experience across devices.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python, C, Data Structures and Algorithms (DSA), HTML, CSS, JavaScript, SQL.
Developer Tools: Visual Studio Code (VS Code), Apache NetBeans, Excel, Postman, Power BI.
Frameworks/Libraries: Reactjs, MongoDb, Nodejs, Expressjs, Bootstrap, Tailwind CSS, Pandas , Numpy, OpenCV.
Soft Skills: Communicatioin, Public Speaking, Team-working, Management, Leadership.
Areas of Interest: MERN Stack , Frontend Development.

POSITIONS OF RESPONSIBILITY

– **Campus Ambassador,** Samsung Innovation Campus — *June 2024 - Present*
– **Event Organiser,** College Events — *Feb 2022 - July 2024*

ACHIEVEMENTS

– **HackerRank:** 5 star in java
– **Hackathon(In college):** Secured 3rd rank
– **Upskill Mafia Hackthon:** Secured 19th rank

CERTIFICATES

– **Samsung Innovation Campus** 🔗
– **Programming in Java(NPTEL)** 🔗
– **Data Analytics with Python(NPTEL)** 🔗
– **Machine Learning(Intershala)** 🔗
– **Python(Udemy)** 🔗
– **BLW Internship Certificate** 🔗