

Pratima Prit

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 LinkedIn

 GitHub

EDUCATION

National Institute of Technology, Mizoram

Bachelor of Technology (B.Tech), Electrical and Electronics Engineering

2021 - 2025

CGPA: 7.41

WORK EXPERIENCE

• Data Engineer

Sigmoid

- Undergoing professional training on Big Data and Cloud technologies, including Apache Spark, SQL, Python, Snowflake, and Airflow, with hands-on practice in real-time data processing and ETL pipelines.
- Gaining practical exposure to cloud platforms such as AWS and Azure, focusing on data warehousing, orchestration, and scalable analytics solutions.

• Full Stack Web Developer

InferWorks

- Built a React-based dashboard with BAU login flow and role-based access (RBAC) for Admin, Manager, and Maintenance roles. Implemented secure access control, data partitioning, and dynamic UI rendering based on user roles.
- Integrated real-time charts and reporting features for vehicle tracking and performance insights.

EXPERIENCE

• Intern - Full Stack Web Developer

Physics Wallah Pvt. Ltd

- Optimized the "Skill Development and Learning" platform using the MERN stack, achieving a 20% improvement in website loading performance and enhancing user experience.

• Software Engineer Intern

CDAC Kolkata

- Enhanced a pre-trained YOLOv8 model by adding new classes, maintaining the original model accuracy of 95% on a dataset of 10,000+ images.

PROJECTS

• Claims Management System

[Website](#)

- Designed and developed an end-to-end claims management platform using the MERN stack integrated with Apache Unomi and Mautic.
- Automated workflows (emails) and Customer 360° dashboard, reducing claim resolution time by 35%.

• Study Notion

[Website](#)

- Developed a MERN stack-based ed-tech platform serving over 10,000 users to create, consume, and rating educational content.
- Implemented distributed query systems, reducing the data fetching time by 30% and managing course data across 500+ users with minimal latency.

SKILLS

- **Programming Languages:** C, C++, Java, JavaScript, Python, TypeScript.
- **Web Development:** ReactJS, React-Native, Next.js, HTML, CSS, Express.js, MERN Stack, RESTful APIs, Azure DevOps, Amazon Web Services (AWS), Git and Github, Bootstrap, Airflow, Snowflake.
- **Databases & Data Analysis:** SQL, MongoDB, Data Visualization, Pattern Recognition, Excel, PowerBi, Spark, Kafka.
- **Key Courses:** Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming, Competitive Programming, The Complete 2024 Web Development Bootcamp(Udemy), Machine Learning, Linux for Data Engineers, Data Science.
- **Soft Skills:** Agile, SDLC, Communication, Teamwork.

ACHIEVEMENTS

- Secured Rank 1 in HIEE All India Scholarship Test 2024
- Got 1st Prize in IDEA Pitching HACKVENTURE2.0 2024
- Got 3rd Prize in Software Development HACKVENTURE2.0 2024
- Nominated to represent NIT Mizoram in Smart India Hackathon (SIH). 2024
- Solved 300+ DSA questions on [GFG](#) and [LeetCode](#). 2025
- HackerRank Problem Solving Certificate(Intermediate) 2023
- Revature Pre-training Program 2025