NITISH GOSWAMI

✉ itsgoswaminitish@gmail.com   ☎ 8011112506   in linkedin.com/in/nitishgoswami

WORK EXPERIENCE

MERN STACK DEVELOPER INTERN | Skillified Mentor   Nov 25-Present

- Developing interactive UI features and rapid prototypes using HTML, CSS, JavaScript, React, and GSAP.
- Experimenting with new interaction patterns and converting complex UI ideas into clean, reusable components.
- Debugging layout, animation, and cross-browser issues to ensure consistent performance.
- Documenting effective front-end techniques, animation patterns, and reusable UI solutions for the team.

FULL STACK DEVELOPER INTERN | IBM   Feb 25-Mar 25

- Developed full-stack web applications using Node.js, and MongoDB
- Collaborated in Agile teams to deliver real-world software projects
- Utilized Git and GitHub for version control and team collaboration
- Designed, implemented, and tested RESTful APIs for scalable backend services
- Recognized for performance with a capstone award

PROJECT INTERN | CSIR-NEIST   Dec 24- May 25

- Analyzed 150,000+ materials from the Materials Project database to extract relevant property data
- Engineered 1,600+ features using tools such as JARVIS and MECHElastic
- Trained machine learning models (Random Forest, XGBoost) for property prediction with $R^2 > 0.92$
- Applied PCA and correlation analysis to reduce feature dimensionality and improve model performance
- Assessed model performance using metrics including MSE, AUC, MCC, and cross-validation

PROJECTS

RIDEAPP MICROSERVICES PLATFORM

Tech Stack: Node.js, Express.js, MongoDB, RabbitMQ

- Developed RESTful APIs for each microservice, with an API Gateway routing.
- Used RabbitMQ for asynchronous communication and event propagation across services,
- Integrated authentication and authorization in a central or dedicated service.

SENTIMENT-DRIVEN ALGORITHMIC TRADING FRAMEWORK

Tech Stack: Flask, TextBlob, Scikit-Learn, WebSockets

- Implemented an NLP pipeline combining rule-based sentiment detection (TextBlob) with SVM-based classification, achieving 80%+ sentiment accuracy.
- Built sector classification via TF-IDF and keyword mapping for fine-grained sentiment aggregation across industries.
- Designed and backtested a multi-indicator strategy using Bollinger Bands, VWAP, and RSI, yielding a 72.71% annual return.

EDUCATION

- **The Assam Kaziranga University**
  Master of Computer Applications CGPA : 9.57

- **B.Borooah College**
  Bachelor of Science (I.T.) CGPA : 7.81

- **Crescent Academy**
  Class 12 67%

- **Don Bosco High School**
  Class 10 70%

ACHIEVEMENTS

- Awarded Best Paper – Session 4.2 at 2*nd* International Conference on Data-Driven AI (ICDDA - 2025)

- Presented a paper at National Conference on Applications of Artificial Intelligence in Multidisciplinary Contexts (NCAAIMC - 2024)

- Awarded IBM Cap for good performance during Internship

TECHNICAL SKILLS

- **Programming:** Python, JavaScript
- **Frameworks & Libraries:** Flask, Node.js, Express.js, Tailwind, GSAP, Framer-motion
- **Databases:** MongoDB, SQL
- **Tools & Platforms:** Git/GitHub, RabbitMQ, Github actions, Render

SOFT SKILLS

- Rapport Building
- Presentation
- Communication
- Team Collaboration

HOBBIES

- Guitar
- Reading
- Art
- Chess