

Mainuddeen

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SKILLS

- **Languages:** Java, Python, C++, MySQL, HTML, CSS
- **Cloud/DevOps:** AWS (EC2, S3, IAM, VPC, RDS, CloudFront, CloudWatch, Lambda), Docker
- **Frameworks:** Spring, Spring Boot
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB
- **Tools/Platforms:** Git, GitHub, VMware, Linux (Ubuntu), Vercel
- **Soft Skills:** Problem-Solving, Logical Thinking, Effective Planning, Adaptability

INTERNSHIP

AI Project Intern | Infosys Springboard

Feb 26 - Present

- Working on PolicyNav – Public Policy Navigation Using AI, focusing on NLP-based document ingestion, semantic search, and LLM-powered question answering using RAG architecture.
- Gaining hands-on experience in designing scalable AI pipelines for large policy documents, with focus on preprocessing, vector embeddings, and retrieval optimization.
- Collaborating in structured mentor-led sessions to translate theoretical ML/NLP concepts into practical, document-grounded AI solutions.

PROJECTS

Email Assistant Writer | GitHub

Feb 26

- Build a RESTful backend integrating Google Gemini API to generate automated professional email replies.
 - Implemented dynamic prompt-engineering with configurable tone control for contextual responses.
 - Secured API credentials using environment-based configuration to prevent secret exposure.
 - Designed a layered controller-service architecture ensuring maintainable and scalable backend structure.
- Tech:** Java, Spring Boot, Gemini API, REST

AI Image Analyzer | GitHub | LIVE

Jun 25

- Architected an automated image labeling system using AWS Rekognition and AWS Lambda, replacing manual classification with 95% accurate AI-based object detection.
 - Automated the backend pipeline using AWS Lambda, S3, and API Gateway, ensuring secure uploads, event-driven processing, and accurate response delivery.
 - Deployed and optimized a responsive frontend on Vercel, improving performance and showcasing scalable, cloud native architecture and automation skills.
- Tech:** AWS (Rekognition, Lambda, S3, API Gateway), Serverless, React

CERTIFICATES

- AWS Academy Graduate – Cloud Architecting – Training Batch | [AWS](#) Jan 26
- Oracle Cloud Infrastructure 2025 Certified AI Foundation Associate | [Oracle University](#) Oct 25
- Oracle Java Foundation: Training and Assessment | [Oracle University](#) Oct 25
- AWS Cloud Computing Training | [Gokboru Tech Pvt. Ltd.](#) Jul 25
- C++ Programming (Complete Beginner to Advanced) | [GeeksforGeeks](#) Aug 24

ACHIEVEMENTS

- Achieved 200+ LeetCode and GeeksforGeeks Solutions on Data Structure Algorithms Feb 26
- Smart India Hackathon (SIH) Gear-UP 4.0 – Internal Qualifier. Developed a real time bus tracking system using GPS, APIs and geolocation for live vehicle monitoring and ETA prediction during a 36-hour hackathon. Sep 25
- Inspire Award – Manak (National Level) & Indian Patent Holder (No. 554101), Invented “Leg Mouse for Specially-Abled People”; selected for National Exhibition at IIT Delhi and granted Indian Patent (Date of Grant: 2024) Feb 19

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology – Computer Science and Engineering; **CGPA: 7.92** Aug 23 – Present
- **Shri P.C.S Kishan Inter college Kotkhas** Gonda, Uttar Pradesh
Intermediate (PCM); **Percentage: 78%** Apr 20 - Feb 22
- **Shri P.C.S Kishan Inter college Kotkhas** Gonda, Uttar Pradesh
Matriculation; **Percentage: 78%** Mar 19 - Feb 20