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AUGUSTYA NANADAN SINGH

Portfolio Link LinkedIn GitHub

CAREER OBJECTIVE

To secure a challenging role in a reputed IT/service-based company where I can apply my programming, machine learning, and web development skills to deliver practical solutions, contribute to projects, and grow as a professional.

EDUCATION

Galgotias College of Engineering &Technology, Greater Noida — Expected July 2026
Bachelor of Technology (B.Tech) in Computer Science and Design
Relevant Technical Coursework: Data Structures, Algorithms, OOPs, Computer Networks

TECHNICAL SKILLS

- Programming: JAVA, PYTHON, SQL
- Databases: MySQL, MongoDB (basic)
- Web Technologies: React.js, vite, HTML, CSS, JavaScript, TailwindCSS
- Machine Learning: Scikit-learn, pandas, Numpy, Logistic regression
- AI Tools: OpenAI
- Tools&Platforms: Git, GitHub, VS Code, Google Colab

PROJECTS

React Quiz Application | React.js, Vite

Click Here To view

- Built a responsive quiz web app with multiple-choice questions and timer-based scoring system.
- Implemented difficulty-level filtering, progress tracking, and instant result feedback.
- Managed state and lifecycle with React hooks (useState, useEffect) for smooth interactions.
- Optimized builds with Vite bundler and enhanced UI using lucide-react icons + TailwindCSS.

Data Analytics Dashboard

- Designed interactivedashboards in Power BI/Tableau to visualize KPIs from CSV/Excel datasets.
- Enabled faster and more informed decision-making by automating data visualization and trend analysis.

Smart Irrigation System | IOT, ML (ONGOING)

- Designing a smart irrigation system using soil nutrient sensors (NPK) to optimize water and fertilizer usage.
- Collecting real-time soil and environmental data to predict crop requirements using ML models.
- Integrating IoT devices for automated irrigation control and monitoring.
- Aiming to enhance crop yield efficiency and reduce resource wastage.

Certifications

- DatabaseProgrammingwithSQLORACLE|Issued:DECEMBER 2024
- AWS CLoud
- ML using Python