AITHEPALLI JAGAN MOHAN

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FULL STACK DEVELOPER

Motivated engineering student eager to contribute to a dynamic and innovative company. Skilled in Java, Spring Boot, SQL, and modern web technologies. Enthusiastic about expanding my technical skills and gaining real-world experience in software development.

EDUCATION

Bachelor of Technology: Annamacharya Institute of Technology & Sciences, Tirupati   2021-2025
Branch: Artificial Intelligence & Data Science
CGPA: 7.50

TECHNICAL SKILLS

Languages:	Java, JavaScript, HTML5, CSS3, SQL
Frameworks:	Spring Boot, Hibernate, React.js
Databases:	MySQL, PostgreSQL
Tools & Platforms:	Git, GitHub, Eclipse, IntelliJ, Postman

PROJECTS

Optimizing Electrical Energy Management through ML Techniques

- Built an LSTM-based model to reduce energy usage by 15%.
- Applied predictive analytics to forecast demand and reduce wastage.
- Tech Stack: Python, LSTM, RNN, GRU, Stacked LSTM

Spring Boot Microservices Banking Application

- Developed a modular banking app using Spring Boot and microservices.
- Built Account, User, Fund-Transfer, and Transaction services.
- Used RestTemplate and FeignClient for inter-service communication.

INTERNSHIPS

Excler – Java Programming Internship
Successfully completed a short-term virtual internship in Java programming at Excler. Gained hands-on experience in core Java concepts, OOP principles, and problem-solving techniques. Strengthened understanding of Java syntax and debugging through practical exercises and assignments. (Certification)

Data Science Intern – Gender and Age Prediction
Developed a deep learning model using CNNs to predict gender and age from facial images. Applied computer vision techniques and implemented transfer learning using VGG16 and ResNet architectures. Evaluated model performance using accuracy, precision, and recall metrics. (Certification)

CERTIFICATIONS

- IBM – AI Cloud Internship (certification)
- Python (Joy of Computing – NPTEL) (certification)
- Big Data, Hadoop, Spark – IBM edX (certification)
- Privacy and Security in Social Media – NPTEL (certification)

DECLARATION

- I hereby declare that the above information is true to the best of my knowledge.