

Aryan Kumar

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SUMMARY

Highly motivated and detail-oriented B.Tech graduate in Computer Science and Engineering (AIML) with a strong foundation in software development, data science, and analytics. Proficient in Java and Python with practical experience in building data-driven applications and working on real-world projects. Passionate about exploring emerging technologies, solving complex problems, and continuously learning. Eager to contribute in a dynamic IT environment through hands-on collaboration with professionals and impactful contributions to innovative solutions.

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, Swift

Deep Learning Frameworks: TensorFlow

Libraries & Tools: NumPy, Pandas, Scikit-learn

EDUCATION

Galgotias University

Btech in computer Science and Engineering(AIML)- 8.41 CGPA

Gautam Buddh Nagar, Uttar Pradesh

Aug 2022 – Jun 2025

Government Polytechnic Jaunpur

Diploma in Computer Science and Engineering- 79%

Jaunpur, Uttar Pradesh

Aug 2019 – Jun 2022

PROJECTS

Brain Tumor Detection using Deep Learning

- Utilized an existing MRI image dataset from AANLIB to classify brain tumors into four types: glioblastoma, sarcoma, metastatic, and normal.
- Applied and evaluated existing machine learning models including DNN, KNN, LDA, and SMO (SVM)
- Gained hands-on experience in medical image classification and data-driven evaluation of ML models.

Developed a prototype and design for Expense tracker App for iOS

- Designed and developed a prototype for an iOS Daily Expense Tracker App using Swift and Xcode.
- Implemented features for categorizing spending, visualizing charts, and tracking financial habits.
- Gained practical experience in Swift-based UI development and prototyping for mobile applications.

Iris Flower Classification Using Machine Learning

- Developed a classification model using the Iris dataset to identify flower species based on petal and sepal features.
- Achieved 100% accuracy on the test data, demonstrating excellent model performance.
- Evaluated the model using a classification report with precision, recall, and F1-score metrics.

CERTIFICATIONS

- Certified Software Engineer Intern Skill Assessment Test Hacker-Rank
- Hacker-Rank certified Java Skill Assessment Test
- Three Month Coding and System design Course Ritambhara Technologies
- AWS Machine Learning Internship Eduskills
- IBM Front End Web Development Internship
- Wipro Java Full Stack Internship