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LAKSHMI CHERITHA RACHAMREDDY

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Objective

Recent graduate with a Bachelor of Technology in Computer Science Specialized in Artificial Intelligence and Data Science skilled in programming, HTML, CSS, JavaScript and other relevant technologies. Looking for full-time opportunities to use my skills and join dynamic development teams.

Education

- **B. Tech in Artificial Intelligence and Data Science**,
  Annamacharya Institute of Technology and Sciences, Tirupati, India — CGPA:8.82|2020-2024
- **Intermediate**, *RAO's Junior College, Nandyal, India* — CGPA:8.73|2020
- **10th**, *S.K.G. Oriental High School, Proddatur, India* — CGPA:9.6|2018

Skills

- **Programming Languages** : Java, Python
- **Web Development** : HTML, CSS, JavaScript
- **Libraries/Framework** : React.js
- **Tools/Platforms** : VsCode, Eclipse
- **Database Management** : SQL, MySQL

Projects

- **Predicting Urban Water Quality by Using Machine Learning**
  During my college project, I built predictive models for urban water quality forecasting. I worked with peers and faculty, ensuring data quality, and optimizing model performance using techniques like feature engineering and cross-validation.

- **Online Payment Fraud Detection**
  I created fraud detection algorithms for online payments, improving accuracy with advanced features and optimizing performance through cross-validation and hyperparameter tuning, ultimately reducing financial losses, and boosting security in online transactions.

- **Indian Matrimony | Marriage Matrimony Full Stack Project**
  I developed an Indian Matrimony website, crafting HTML pages, styling with CSS, and incorporating client-side validation and interactive features using JavaScript.

Internships

- Data Science Virtual Internship, preqInsta — Jun 2023 – Jul 2023
- Prompt Engineering Virtual Internship, Prowork — Nov 2023 – April 2024

Certifications

- **The Joy of Computing Using Python,** NPTEL
- **Azure Data Fundamentals,** Microsoft
- **Web Development Using Django,** APSSDC
- **Introduction to AI**
- **Java Mastery Certificate,** Eduinx