Rachakonda Eshwar

UG CSE (AI & DS)

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EDUCATION

- **Indian Institute of Technology Patna** — *Percentage: 80*
  Bachelor of Technology in Artificial Intelligence and Data Science — *2021 - 2025 (Expected)*

EXPERIENCE

- **TVS Motors** — May 2024 - July 2024
  Data Engineer Intern — *Certificate*
  - Performed detailed data analysis on vehicle and battery parameters to gain insights about ride quality.
  - Utilized correlation coefficients, central tendency techniques, and visualizations to interpret data trends.
  - Tech: Azure Databricks, Python, Pandas, Matplotlib, VS Code, Anaconda.

PROJECTS

- **Lost and Found**
  Community platform for reporting and retrieving lost items. — *Live URL*
  - Implemented secure user authentication (login, signup, password reset and change) using Firebase Auth.
  - Enables users to create, edit, and delete posts, leave comments, and engage in real-time interactions.
  - Integrated Firebase Storage for image uploads, storing image URLs in MongoDB.
  - Tech : React, Node.js, Express, MongoDB, Firebase (Auth & Storage), Material UI, Render.

- **Xpiria Express**
  Internship and Placement Experience Sharing Platform. — *Live URL*
  - Grouped student experiences by company, categorized into internships and placements for easier access.
  - Integrated brandfetch search API to ensure consistent company profiles when adding new experiences.

- **Cab Share**
  Community platform for managing and sharing cab journeys. — *Live URL*
  - Developed a responsive interface with Material UI, enabling efficient journey management for users.
  - Integrated a calendar feature to connect users for sharing rides and view available cab drivers.

SKILLS/COURSEWORK

- **Languages** : C, C++, Python, SQL, JavaScript.
- **Web Technologies** : Material-UI, React.js, Node.js, Express.js, MongoDB, Firebase.
- **Developer Tools** : VS Code, Anaconda3, Git, Github, PostmanAPI, MongoDB Compass, WinSCP.
- **Computer Science** : Data Structures, Algorithms, Relational Databases, Operating Systems, Computer Networks.

COMPETITIVE PROGRAMMING

- **Codeforces :** Max Rating: **1422**, Specialist, **Handle:** esh_war
- **Geeks for Geeks :** Max Rating: **2022**, 5 stars, **among top 0.64%**, **Handle:** esh_war, **Institute Rank :** 27
- **LeetCode :** Max Rating: **1803**, **among top 7.48%**, **Handle:** esh_war12, **Problems Solved :** 1215

EDUCATIONAL ACHIEVEMENTS

- Secured State Rank 243 out of 181693 applicants in TS EAMCET 2021 conducted by JNTU Hyderabad.
- Secured All India Rank 6184 out of 151193 applicants in JEE ADVANCED 2021 conducted by IIT KGP.