

Penukuduru Yaswanth Kumar

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SKILLS

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- **Languages:** Java, C++, JavaScript, Python, PHP
 - **Frameworks:** HTML5, CSS3, Bootstrap, Node.js, Express.js, React.js
 - **Tools/Platforms:** MySQL, MongoDB, PostgreSQL, Git, GitHub, REST APIs, Postman
 - **Core Subjects:** Data Structures and Algorithms, Operating Systems, Networking, Database Management Systems
 - **Soft Skills:** Problem-Solving, Team Collaboration, Project Management, Adaptability, Communication

PROJECTS

Student Dropout Analysis | [GitHub](#)

February 2025

- Constructed a web-based application to manage college students using HTML, CSS, PHP, and MySQL.
- Configured modules for tracking student attendance and academic performance, identifying dropout risk factors, and managing school-level intervention activities.
- Applied SEO optimization techniques to improve the visibility of the Student Dropout Analysis platform and enhance accessibility for students, teachers, and school administrators.
- Crafted responsive and user-friendly UI layouts to streamline workflows and enhance usability.
- Tech Stack Used: HTML, CSS, PHP, MySQL, Web Application Development, Frontend Development

AI-In-HealthCare –Modern HealthCare | [GitHub](#)

January 2025

- Analyses healthcare datasets by performing Exploratory Data Analysis (EDA) including data cleaning, preprocessing, transformation, and extracting meaningful medical insights.
- Developed AI-based features for predicting diseases, identifying patient risk factors, and supporting clinical decision-making using HTML and CSS.
- Utilized Google Colab, Jupyter Notebook, and MS Excel for data exploration, visualization of patient trends, and report generation.
- Implemented feature engineering, trend analysis, and performance evaluation to improve healthcare prediction accuracy and reliability.
- Tech Stack Used: HTML,CSS, Jupyter Notebook, Google Colab, MS Excel, AI, Machine Learning, Data Analytics

CERTIFICATES

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- Peer to Peer Protocols and Local Area Networks – Coursera | [Certificate](#) October 2024
 - The Bits and Bytes of Computer Networking – Coursera | [Certificate](#) September 2024
 - Responsive Web Design – Developer Certification by freeCodeCamp | [Certificate](#) October 2023

ACHIEVEMENTS

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- Secured **5th Rank** among Participants in the Trabilizers Tech Solutions Club Technical Quiz. September 2023

EDUCATION

• **Lovely Professional University**

Punjab, India

Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.74**

August 2023 – Present

• **Tirumala Junior College**

Bhimavaram, Andhra Pradesh

Intermediate; **Percentage: 91%**

July 2020 - March 2022

• **Narayana e-Techno Schools**

Bhimavaram, Andhra Pradesh

Matriculation; **Percentage: 96%**

April 2019 – March 2020