# Poduri Yuvaraj Durga Pavan

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## SKILLS

- **Languages**:         JavaScript, Java, PHP
- **Frameworks**:        HTML and CSS, Bootstrap, NodeJS, ExpressJS, React
- **Tools/Platforms**:   MySQL, MongoDB
- **Soft Skills**:       Team Player, Project Management, and Hard Working

## PROJECTS

- **A Movie Review Website**:                                      Aug 2024 – Nov 2024

  A web-based platform built using PHP for backend API handling and React.js for a dynamic, responsive UI.
  • JavaScript manages client-side interactions, while OMDb API fetches movie details and TMDb API provides trailers and cast information.
  • CSS ensures a visually appealing and responsive design.
  • The app eliminates the need for a database by directly integrating APIs for data retrieval.
  Tech: PHP, React.js, JavaScript, API, CSS

- **Sudoku Solver**                                                Jun 2024 – Jul 2024

  Developed a Java-based Sudoku solver with real-time visualization to demonstrate the backtracking algorithm in action.
  • Implemented an interactive UI using Java Swing to allow users to input puzzles and watch the solving process step by step.
  • Utilized Java AWT for graphical rendering and event handling.
  • Integrated Swing Timer for animations and timed updates, ensuring a smooth solving process.
  • Optimized the solver for efficiency, reducing backtracking steps while maintaining accuracy.
  Tech : JAVA

- **Weather Prediction Web App**                                   Oct 2023 – Dec 2023

  A web-based Developed a web-based weather prediction app using HTML, CSS, and JavaScript for a responsive and intuitive user interface.
  • Implemented asynchronous API calls to fetch real-time weather data and forecasts, ensuring accurate and up-to-date information.
  • Designed a dynamic, visually appealing interface that provides seamless user interactions and instant weather updates.
  Tech: HTML, CSS, JavaScript, API.

## CERTIFICATES

- Data Structures and Algorithms - Board Infinity.                 May 2024 – Jun 2024
- Building Web Applications in PHP – Coursera                       Nov 2024 – Dec 2024

## EDUCATION

- **Lovely Professional University**                               Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; CGPA: 7.59*   *Since Aug 2022*

- **Tirumala Junior College**                                     Tanuku, Andhra Pradesh
  *Intermediate; Percentage: 94.8%*                               *Apr 2020 - Mar 2022*

- **Roots School Of Essential Faculties**                         Rajahmundry, Andhra Pradesh
  *Matriculation; Percentage: 92%*                                *Apr 2016 - Mar 2020*