Mohan Sai Venkat Vemuluri

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SKILLS

- **Languages**: C++ , JavaScript, Python
- **Frameworks**: HTML and CSS, Bootstrap, Tailwind CSS, NodeJS, ReactJS
- **Tools/Platforms**: Git and GitHub, MongoDB , Firebase, Docker, Postman, PowerBI
- **Core-Subjects:** DSA, Computer Networks, Operating System, Automata Theory
- **Soft-Skills:** Flexibility, Teamwork, Troubleshooting

INTERNSHIP

- **Intellipaat Software Solutions**   Jun,2025-Jul,2025
  Intern- Technical Research Analyst
  ->Gained hands-on expertise in Power BI and Python, applying skills to real-world data analysis and visualization tasks.
  ->Delivered Power BI training sessions for 50+ learners, improving their proficiency in creating dashboards and reports.
  ->Offered doubt clarification and technical support to over 100 learners, ensuring timely resolution and improved learning outcomes.
  ->Developed interactive dashboards and automated reports in Power BI, decreasing manual data processing time by 40%.

  Skills learned: Python(Pandas,Numpy), PowerBI, ZOHO Desk

PROJECTS

- **Breezy - CI/CD pipeline REACT.js application**   Apr,2025-May,2025
  Links :   https://breezy-nu.vercel.app/ , https://github.com/mohansaivenkat/BreezyCICD
  ->Developed and deployed a ReactJS application on AWS EC2 instance with Tailwind CSS and OpenWeather API, implementing a fully systemised CI/CD pipeline using Jenkins, cutting manual deployment time by 90%.
  ->Configured and optimized Jenkins pipelines to build, test, and deploy the app, enabling 100% automated updates from GitHub to the hosting environment.
  ->Enhanced deployment efficiency by mechanising build and cleanup tasks, replacing outdated Docker containers with new images, improving release turnaround time from 30 minutes to under 5 minutes.

  Tech Stack: ReactJS, Tailwind CSS, OpenWeather API, Jenkins, Docker, GitHub, AWS EC2

- **Skribb - Full-Stack Deployed Online Stationery Ordering System**   Sept,2024-Dec,2024
  Links :   https://skribb.vercel.app/   ,   https://github.com/mohansaivenkat/Skribb
  ->Deployed a web platform for *Sri Balaji Books & Stationery Xerox* located in *Vizag*, supporting 24/7 online browsing and ordering, increasing customer reach by 40%.
  ->Enabled in-store pickup, minimising wait time to 5 minutes and improving the purchasing experience.
  ->Devised an admin dashboard for seamless product management, optimising manual updates by 60% through efficient add, edit, and delete functionalities.
  ->Created 10+ GET,POST API requests for fetching and changing product information and tested it using Postman.

  Tech Stack: React.js, Tailwind CSS, Redux, Node.js, Express.js, MongoDB, Firebase (Auth), Swiper.js, Redux Toolkit, Postman.

- **MovieSearch - Full-Stack Movie Lookup Application**:   May,2024-July,2024
  Link : https://github.com/mohansaivenkat/moviesearchengine
  ->Developed a full-stack MovieSearch app, handling search queries, allowing real-time movie searches with 0% wait time.
  ->Integrated external APIs, fetching movie details and images with an average response time of under 500ms, ensuring a seamless user experience.
  ->Built a simple back-end system to handle search queries and API requests efficiently.

  Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, THEMOVIEDB API.

CERTIFICATIONS/CERTIFICATES

- **NPTEL** - Cloud Computing Foundations through Swayam portal   (Click here to view certificate)   Since Jan,2025
- **IBM** - DevOps and Software Engineering through Coursera (Click here to view certificate)   Aug,2024-Nov,2024
- **CipherSchools** - Full Stack Web Development using MERN Stack (Click here to view certificate)   May,2024-July,2024

EXTRACURRICULARS

- Attended multiple tech webinars, expanding knowledge in AI/ML and other emerging technologies.
- Solved 100+ DSA problems on LeetCode and GeeksforGeeks, strengthening problem-solving skills.
- Volunteered at Chaitanya Foundation, supporting disabled and mentally challenged children in Visakhapatnam.
- Interested in photography, exploring creativity through visual storytelling.

EDUCATION

- **Lovely Professional University**   Phagwara, Punjab
  Bachelor of Technology - Computer Science and Engineering; ***CGPA: 8.22***   *Since August 2022*

- **SVK Junior College**   Visakhapatnam , AP
  Intermediate MPC; ***Percentage: 90.6%***   *June 2020 - March 2022*

- **Dr. KKR's Gowtham High School**   Visakhapatnam , AP
  Matriculation (AP board); ***Percentage: 98%***   *March 2019 - March 2020*