

Mohan Sai Venkat Vemuluri

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SKILLS

- **Languages:** Java, C++ , JavaScript, Python, SQL
- **Frameworks:** HTML and CSS, Bootstrap, Tailwind CSS, NodeJS, ReactJS, Springboot, Django
- **Tools/Platforms:** Git and GitHub, MongoDB , SQLite, Firebase, Docker, Postman, PowerBI, AWS EC2
- **Core-Subjects:** DSA, Computer Networks, Operating System, Automata Theory
- **Soft-Skills:** Flexibility, Teamwork, Troubleshooting

INTERNSHIPS

- **Capgemini Technology Services India.Ltd** Dec,2025-Present
Analyst Trainee - Java Full Stack Training Program
->Undergoing Capgemini Java Full Stack training, gaining hands-on experience in Java, Spring Boot, SQL, and front-end technologies through real-world projects and case studies.
->Collaborated in 3+ team-based real world mock scenario projects, following Agile practices, code reviews, and debugging to deliver scalable and efficient applications.
Skills learned: Java, Springboot, SQL, ReactJS
- **Intellipaat Software Solutions Pvt.Ltd** 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

- **Detectify - Anti-Counterfeit Verification System** Sep,2025-Nov,2025
Link : [Live Demo](#) , [Source Code](#)
->Architected a robust anti-counterfeit platform using Django 5.2.7, implementing a secure MVT pattern to facilitate real-time product verification and reporting.
->Integrated the html5-qrcode library to enable high-speed camera-based scanning, achieving a scan-to-verification response time of under 800ms.
->Streamlined the user experience using Tailwind CSS v4 with modern neo-brutalism design, creating a mobile-first interface that improved verification workflow efficiency for both Admins and end-users by 25%.
Tech Stack: Python, Django 5.2.7, Tailwind CSS v4, HTML5, JavaScript (html5-qrcode), SQLite/PostgreSQL.
- **Breezy - CI/CD pipeline REACT.js application** Apr,2025-May,2025
Links : [Live Demo](#) , [Source Code](#)
->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 : [Live Demo](#) , [Source Code](#)
->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.

CERTIFICATIONS/CERTIFICATES

- **NPTEL** - Cloud Computing Foundations through Swayam portal ([Click here to view certificate](#)) Jan,2025-May,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

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