

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