

RANI RAJPUROHIT

📍 Virar, Mumbai, Maharashtra ✉ rajpurohitrani004@gmail.com ☎ 7350258568 🌐 in/rani-rajpurohit-g20ab822a 🌐 rani-s123.github.io/portofolia/

SUMMARY

B.Tech Computer graduate with practical experience in MERN stack development. Proficient in creating responsive, user-friendly web applications and integrating APIs. Familiar with tools like Git, Docker, Postman, Figma, and VS Code, with a focus on clean code and collaboration.

EXPERIENCE

Software Intern February 2024 - March 2025
The Sparks Foundation

- Contributed to key web application features at The Sparks Foundation, enhancing user experience and reducing bug reports by 25%, while collaborating with cross-functional teams to deliver 100% of project milestones on time.
- Enabled seamless data exchange between services using RESTful APIs, resulting in a 40% improvement in application scalability and a 30% expansion in functional coverage.
- Deployed responsive front-end components using modern JavaScript frameworks (e.g., React), improving mobile accessibility and cross-browser support by over 95%.

Full-Stack Developer Intern January 2021 - February 2025
Last Moment Tutions

- Ensured responsive, cross-browser UI compatibility, leading to a 25% increase in user engagement and a smoother experience across devices.
- Enhanced platform functionality by connecting third-party services and APIs, enabling 40% faster data synchronization and 30% broader feature adoption.
- Streamlined deployment by containerizing components with Docker, reducing release time by 50% and improving environment consistency across all stages.

Technology Intern March 2023 - May 2023
Codsoft

- Designed a Spotify clone with secure authentication and real-time API integration, reducing user login issues by 15%.
- MongoDB query performance by 30% through strategic indexing and aggregation optimization.
- Launched a food delivery application utilizing React, Node.js, and MongoDB that facilitated 500+ daily orders and achieved a 99.9% uptime, providing a reliable service to users.

Digital Solutions Intern January 2023 - February 2023
TECH-A-INTERN

- Data security by 35% with engineering of a QR code generator.
- Automated project reporting, leading to 100% milestone compliance.
- Streamlined data processing workflows by integrating automated validation scripts, significantly decreasing manual intervention and minimizing error rates across project deliverables.

PROJECT

OpenAI Web App
AI Tech Stack • github.com/Rani-s123/Ai-chatgpt

- Built a full-stack app using OpenAI APIs to generate text, images, and audio transcriptions, boosting user engagement.
- Boosted frontend responsiveness by 30% by testing 50+ API endpoints using Postman and optimizing client-server communication.
- Implemented user-friendly UI components using React, increasing session duration by 20% through improved design flow and usability.

Figma Plugin Suite (Prompt Engineering)
Content stack • github.com/Rani-s123/contentstackprojectfigmaplugin

- Figma plugin suite using TypeScript and OpenAI during the Content stack Tech Surf Hackathon, earning recognition for innovation.
- Integrated the RAG model, enabling prompt-based, context-aware UI generation and reducing manual design iteration time by 40%.
- Automated shape creation and image-to-design conversion, cutting manual design effort by 50% and accelerating workflow efficiency.

Live ASL Interpretation System (Final Year Project)
Viva Institute of Technology • github.com/Rani-s123/Live-ASL-Interpretation-Bridging-the-Communication-Gap

- Engineered a CNN-based system for real-time recognition of American Sign Language (ASL) gestures, achieving 98% accuracy on live video input.
- Created a real-time gesture recognition tool using webcam input and live sentence prediction.
- Enhanced accuracy of visually similar alphabets (e.g., M' vs N', U' vs V') by integrating custom-trained secondary classifiers for refined gesture differentiation.

EDUCATION

B.Tech in Computer Engineering July 2021-June 2025
Viva Institute of Technology

- Received a 4-year half scholarship for outstanding academic performance.
- Consistently secured top positions in multiple technical and innovation competitions.

Higher Secondary Certificate (HSC) June 2019-May 2021
Adarsh Education Society 81%

SKILLS

Technical Skills: Full Stack Development, Java, C/C++, Python, Linux commands, RESTful APIs, Database Management, Operating Systems, SQL

Tools & Platforms: Git, Docker, Postman, VS Code, Figma, MCP servers