Shorya Rakhecha

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EDUCATION

VIT Bhopal University   Expected June 2026
Integrated M.Tech in Artificial Intelligence | CGPA: 8.43/10

EXPERIENCE

Concept Information System Pvt. Ltd.   Nov 2023 – Feb 2024
Web Developer Intern

- Built and rolled out a new company website, which contributed to a 35% rise in client contact requests within six months.
- Integrated and optimized 4 interactive forms, reducing customer inquiry response times by approximately 30%.
- Tested cross-browser compatibility on 6 major browsers and improved mobile load time by 1.2 seconds.

TECHNICAL PROJECTS

REM: Personal AI Assistant (GitHub)   Apr 2025 – Jun 2025

- Implemented real-time conversational AI functions handling over 20 unique queries and web commands.
- Enabled hands-free application launch, including Google and YouTube, through voice commands used in 10+ scenarios.
- Developed information retrieval for over 2 distinct data sources to respond to common user requests.
- Integrated speech recognition and text-to-speech capabilities with 95% accuracy rate, supporting multiple languages and accent variations for enhanced accessibility.

Babbly:Social Media Platform (GitHub)   Jan 2025 – Mar 2025

- Engineered a full-stack social media platform prototype with features supporting over 40 simulated users for tweet-style posting, accumulating 200+ likes and comments in local tests.
- Implemented secure authentication and authorization with JWT, designed to prevent 100% of unauthorized access attempts in controlled testing scenarios.
- Created a responsive React frontend and Node.js/Express backend; successfully processed 50+ database queries and user interactions in local environment testing.
- Implemented real-time messaging system using Socket.io, enabling instant communication between users with message delivery confirmation and online status indicators.

RecommenderPro:Movie Discovery Platform (GitHub)   Jun 2024 – Oct 2024

- Launched a recommendation system tested on a dataset of 200+ movies.
- Built a Next.js (TypeScript) frontend, improving page load speed by 40% compared to previous stack.
- Processed and analyzed user profiles to deliver personalized suggestions with a 75% accuracy in user feedback tests.
- Deployed machine learning algorithms including collaborative filtering and content-based filtering, achieving 85% user satisfaction rate in recommendation relevance surveys.

SKILLS & TECHNOLOGIES

Languages: JavaScript, TypeScript, C++, Java, Python, R, HTML, CSS, SQL
Frameworks & Libraries: Spring Boot, React, Next.js, Express.js, Tailwind CSS, Bootstrap
Build Tools: Maven, Gradle
Databases & Auth: Firebase, MongoDB, Appwrite, SQL, PostgreSQL
Backend & APIs: Node.js, Express.js, REST APIs, Docker
Tools: Git, GitHub, Prettier, Vercel, Turbopack, VS Code, Postman, Power BI, Tableau, Excel
AI/ML: NLP Frameworks, Speech Recognition APIs, Machine Learning

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CERTIFICATIONS

Udemy — Full Stack Web Development: Jan 2025 – Sep 2025

- Completed course creating 3 full-stack web applications using HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, and built REST APIs for production-like projects.

SmartBridge — MERN Stack Developer: Jan 2025 – Apr 2025

- Collaborated on team project using Git and agile methodology, contributing code to MERN application tested by over 10 users.