DIVYANSHU RAJ

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EDUCATION

VIT Bhopal University	Bhopal, India
*Bachelor of Technology in Computer Science and Engineering (AI & ML), **CGPA: 8.6/10***	*Expected July 2026*

TECHNICAL SKILLS

- **Languages:** Java, JavaScript
- **Frameworks & Libraries:** React.js, Node.js, Express.js
- **Databases & Tools:** SQL, MongoDB, Git, GitHub, VS Code, Postman

PROJECTS

Smart Resume Screener: AI-Powered Hiring Tool   October 2025 | Live Application
Full-Stack MERN & Generative AI Application   *MERN Stack, Gemini API, JWT, Google OAuth, Chart.js, pdfkit*

- Architected a MERN application with secure JWT and Google OAuth 2.0 authentication, providing personalized screening workflows and dashboards for recruiters.
- Engineered an AI evaluation pipeline using the Gemini API, featuring a multi-criteria prompt and weighted rubric to deliver nuanced candidate analysis.
- Streamlined the hiring process with batch resume processing and automated the generation of multi-page PDF reports for offline sharing using `pdfkit`.
- Developed an interactive analytics dashboard with Chart.js to visualize score distributions and ranked candidate lists, enabling data-driven hiring decisions.

SharedSlate : Full-Stack E-Learning Platform   June 2025 – July 2025 | Live Application
MERN Stack Application with Real-Time Features   *MERN Stack, Socket.IO, Puppeteer, Cloudinary, JWT, Tailwind CSS*

- Architected a full-stack e-learning marketplace on the MERN stack, featuring dual role-based dashboards for instructors and students to manage courses and track progress.
- Engineered a secure backend process using Puppeteer to fully automate the generation of professional, verifiable PDF certificates, complete with a public QR code for authenticity.
- Integrated the Groq AI (LLaMA3) API to provide students with instant, AI-powered summaries of lesson content, creating an enhanced and efficient learning experience.
- Developed a comprehensive course creation module with secure payment integration via Razorpay and seamless media uploads and management using Cloudinary.

Email Formalizer Pro: AI-Powered Communication Tool   May 2025 – June 2025 | Live Application
Generative AI Web Application   *Python, Streamlit, Groq API (LLaMA3-70B)*

- Developed a web application using Python and Streamlit that leverages the LLaMA3-8B model via the Groq API to convert informal text into polished, professional emails.
- Built an efficient user interface with features like multi-tone selection, saved conversation history, and one-click copy and download options.
- Engineered the application for high performance by optimizing calls to the Groq API, ensuring rapid text generation for a seamless user experience.
- Managed the full deployment pipeline to Render, configuring environment variables and dependencies to guarantee application stability and uptime.

CERTIFICATIONS

- **Full Stack Development (MERN)** – *Certification from SmartBridge & MongoDB* [Verify]
- **HTML, CSS, & JavaScript for Web Developers** – *Johns Hopkins University (via Coursera)* [Verify]

ACHIEVEMENTS & INTERESTS

- **First Place, Tech Siege '24:** Won a college-wide event by demonstrating superior strategic thinking and collaborative problem-solving across multiple rounds.
- **Technical Exploration:** Explored hardware-software integration by building an IoT environmental monitor with an ESP8266 and the Blynk cloud platform.
- **Languages:** Fluent in English and Hindi.
- **Interests:** Valorant, Sudoku