Mohammed Habeeb ur Rahman

Hyderabad, India ✉ mohdhabeeburrahman11@gmail.com 📞 +91 9398095436

🌐 my-portfolio-seven-rho-58.vercel.app 🔗 linkedin.com/in/mohdhabeeburrahman 🔗 github.com/hxbeeb11

Professional Summary

Full-stack Web Developer and AI/ML Engineer with expertise in building responsive, user-friendly web applications and implementing machine learning solutions. Proficient in modern JavaScript frameworks (React.js, Next.js) and Python-based AI/ML technologies (TensorFlow, PyTorch). Experienced in developing data-driven applications that leverage both web technologies and artificial intelligence to deliver innovative solutions. Seeking to apply my dual technical expertise in AI and web development to solve complex problems and create intelligent, intuitive user experiences.

Education

Usha Rama College of Engineering and Technology Dec 2021 – May 2025
BTech in Artificial Intelligence and Machine Learning
Relevant Coursework: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Data Structures and Algorithms, Web Development, Database Systems

Skills

Web Development: Full-Stack Development, Front-End Development, Responsive Design, RESTful API Design, Single Page Applications (SPA), Server-Side Rendering (SSR), JAMstack Architecture, Progressive Web Apps (PWA)

AI/ML: Machine Learning, Deep Learning, Neural Networks, Data Analysis, Computer Vision, Natural Language Processing, Predictive Modeling, Model Deployment, Feature Engineering

Soft Skills: Problem Solving, Teamwork, Communication, Time Management, Adaptability, Critical Thinking, Project Management, Agile Methodology

Technologies

Front-End: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Context API, DOM Manipulation, Responsive Design, Material UI, Framer Motion

Frameworks & Libraries: Node.js, Express.js, Next.js, Vite, Tailwind CSS, Bootstrap, Create React App, Flask, Django, FastAPI

Programming Languages: Python, JavaScript, TypeScript, C, HTML, CSS

ML/AI Tools: NumPy, Pandas, Scikit-Learn, PyTorch, TensorFlow, Keras, NLTK, CUDA, Matplotlib, Seaborn, Hugging Face Transformers

Dev Tools: Git, GitHub, VS Code, Google Colab, PyCharm, Jupyter Notebook, Vercel, Netlify, REST APIs, GraphQL, CI/CD

Databases: MongoDB, MySQL, PostgreSQL, Supabase, Firebase

Experience

Machine Learning Intern, GGS Information Services India Pvt. Ltd., Bangalore Dec 2024 - Jan 2025
- Contributed to the '3D Optimization' project, converting 2D engineering diagrams into precise 3D models
- Implemented text-to-3D model generation system using PyTorch and TensorFlow
- Developed a responsive web interface using Next.js to showcase 3D model outputs and allow user interaction
- Collaborated with cross-functional teams to integrate ML solutions with existing engineering workflows
- Documented technical processes and created training materials for system users

Projects

WebMind - AI-Powered Web Search Assistant

Demo: https://webmind-production.up.railway.app/

Tech Stack: Next.js 14, React, Tailwind CSS, Together AI API (DeepSeek/Llama), Brave Search API, Cheerio, Vercel

- Developed a modern web application combining LLMs with real-time web search capabilities to enhance answer quality and accuracy
- Implemented serverless architecture using Next.js API routes with streaming response functionality for real-time content delivery
- Designed a multi-model integration system that combines DeepSeek and Llama models with web scraping to create transparent reasoning processes
- Created an intelligent search query optimization algorithm that reformulates user queries to maximize search result relevance for complex technical questions

Idea Evaluator - AI Business Analysis Tool

Demo: https://idea-evaluator-beryl.vercel.app/

GitHub: github.com/hxbeeb11/idea-evaluator

Tech Stack: Next.js 14, React, Tailwind CSS, Framer Motion, Google Gemini Pro AI, Node.js, Nodemailer, QuickChart API

- Developed a full-stack web application that leverages Google Gemini Pro AI to analyze and evaluate business ideas through comprehensive reporting
- Integrated QuickChart API to generate dynamic data visualizations for key business metrics and market analysis
- Implemented secure RESTful API endpoints with custom middleware for AI service communication and data processing
- Designed a responsive UI with Tailwind CSS and Framer Motion animations featuring dynamic form validation and real-time feedback systems

PromptVision - AI Chatbot & Image Generation Platform

Demo: https://prompt-vision.vercel.app/

Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Clerk Authentication, Cohere API, Stability AI, Framer Motion, Shadcn/UI

- Architected a dual-AI platform that combines Cohere language models for conversational AI and Stability AI for image generation in a unified interface
- Implemented a secure authentication and authorization system using Clerk with role-based access controls and JWT token management
- Developed a type-safe codebase with TypeScript and custom React hooks for state management and API communication
- Created an animated UI with Framer Motion and Shadcn components featuring custom animations, transitions, and responsive layouts

GATE AI - Advanced Adaptive Learning Platform

Demo: https://gate-ai.onrender.com/

GitHub: github.com/hxbeeb11/gate-ai

Tech Stack: Python, Flask, HTML/CSS/JavaScript, BERT, Together AI/OpenAI APIs, Supabase, Render, Gunicorn

- Engineered an adaptive learning system with BERT-based models covering multiple technical subjects for GATE exam preparation
- Implemented a three-tier progression system that dynamically adjusts question difficulty based on user performance metrics and learning patterns
- Developed a Flask backend with RESTful API architecture for efficient handling of high-volume concurrent requests with Gunicorn deployment
- Created a specialized question generation algorithm with contextual explanation capabilities utilizing fine-tuned LLMs for technical concepts