

Abhitansh Shahi

Software Engineer

www.linkedin.com/in/abhitansh-shahi-543859200 | abhitanshshahi.vercel.app | github.com/AbhitanshShahi | candidates.intervues.club/u/abhitansh-shahi

SUMMARY

Software Engineer and Computer Science undergraduate with experience in full-stack web development, machine learning, and team leadership. Skilled in building AI-powered applications, optimizing performance, and engineering robust backend systems.

EXPERIENCE

Web Development Team Lead

GeeksforGeeks KIIT

Jul 2026 – Present

- Led the web development team in designing and executing technical initiatives.

Web Developer

Donum

Jan 2026 – Apr 2026

- Developed web applications to enhance platform functionality and user experience.

Web Development Team Lead

GeeksforGeeks KIIT

Dec 2025 – Jul 2026

- Led the web development team in designing and executing technical initiatives.

Web Developer

Donum

Nov 2025 – Jan 2026

- Developed web applications to enhance platform functionality and user experience.

Jr. Mentor of Web Development | Project Wing | K-1000

K-1000

Sep 2025 – Present

- Mentored junior developers in web development principles and project implementation.

Full-Stack Developer & ML Engineer

Self-Employed

- Engineered AI-powered full-stack applications integrating modern web and ML frameworks.
- Implemented LLMs, RAG systems, and autonomous AI agent architectures.

EDUCATION

School of Computer Engineering, KIIT DU · BTech · 2024 – 2028

Vivekanand School · High School Diploma · 2017 – 2023

SKILLS

Languages and Frameworks: C, C++, CSS, CSS3, HTML, HTML5, Java, JavaScript, Python, TypeScript, Express.js, FastAPI, Next.js, Node.js, NumPy, Pandas, React, React.js, Scikit-learn, Streamlit, Tailwind CSS, Three.js, XGBoost

Databases: MongoDB, NeonDB, NoSQL, PostgreSQL, Redis, SQL, Vector Databases

Tools: APIs, Backend Systems, BullMQ, Concurrency, Docker, Figma, Firebase, Git, GitHub, Groq, Joblib, JWT Authentication, MERN Stack, Object-Oriented Programming, OpenAI SDK, OpenRouter, PERN, Postman, RAG systems, Railway, Relational Database Design, REST APIs, Vercel

PROJECTS

AgniDrishti – Geospatial Fire Detection & Monitoring System

Geospatial monitoring service Developed FastAPI backend service with WebSocket-based real-time updates for the frontend dashboard. Built a supervised ML classification pipeline using satellite-derived data for real-time monitoring.

Python, FastAPI, PostgreSQL, PostGIS, WebSockets, Machine Learning, Next.js

KIIT Katalog – Performance Optimization

Web performance optimization project Optimized Next.js data-fetching and Server Component architecture, reducing network requests by up to 56.5% and API requests by up to 74.6%. Eliminated redundant client-side API calls to boost overall rendering efficiency.

Next.js, TypeScript, Server Components, Server-Side Rendering, Caching

VedaAI – AI Assessment Generation Platform

AI assessment generation platform Engineered an AI assessment platform using Redis and BullMQ to process concurrent LLM requests asynchronously. Designed REST APIs for authentication, assignment management, and automated evaluation.

Next.js, TypeScript, Node.js, Express.js, MongoDB, Redis, BullMQ, OpenRouter

Additional projects: Football Match Outcome Prediction System, Football Match Predictor, VedaAI - AI Assessment Generator, Donum - E-Commerce Platform, FitForge AI, Donum - E-Commerce Platform, VedaAI - AI Assessment Generator, Football Match Predictor, FitForge AI

AWARDS

Winner of the Ignithon College Hackathon (Intermediate category), Solved 100+ Data Structures and Algorithms problems