

# Sahil Tiwari

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## SUMMARY

Innovative Developer with expertise in AI integration, scalable frontend, and backend development. Proficient in building web applications using the MERN stack and Next.js, with hands-on experience in AI-powered features like resume matching and job description generation. Improved application performance by 25% and designed backend architectures capable of handling 1,000+ concurrent users. Aspiring to leverage AI and full-stack skills to build impactful, data-driven applications and optimize user experiences.

## EXPERIENCE

### Intern | BDA Technologies

January 2025 - March 2025, Remote

- **Developed and implemented solutions**, increasing coding efficiency and problem-solving capabilities, leading to the **early completion of key tasks by 20%** and improving overall project delivery timelines.
- **Designed and implemented features using Tailwind CSS**, improving **user interface responsiveness by 15%** and reducing frontend development time by **10%**.
- **Mastered and applied 3 new technologies**, driving a **25% increase in team productivity** during the development process.
- Utilized HTML and CSS to create web pages, enhancing load speed by 12% and generating a 20% increase in user engagement metrics over 6-month project duration.

## PROJECT

### LinkAssist | Personal Project

[www.linkassist.in/](http://www.linkassist.in/), May 2025 - August 2025

- **Built and launched LinkAssist.in**, a LinkedIn automation & growth SaaS platform that attracted **50+ early users within 3 months**, delivering features actions smart post scheduling, AI-powered content ideation, and engagement analytics.
- **Engineered full-stack architecture** with Next.js, MongoDB, and Python-based AI modules, achieving **99.9% uptime**, handling **10k+ scheduled posts monthly**, and implementing strict account safety protocols.
- **Formalized a robust customer feedback loop** by integrating real-time usage analytics and automated survey triggers, boosting **feature adoption by 35%** and reducing **iteration cycles by 40%**.

### CareerTrack – AI-powered career assistant | Personal Project

[careertrack.vercel.app/](http://careertrack.vercel.app/)

- Developed a scalable platform using Next.js and Node.js, optimized to handle **1,000+ simulated concurrent requests** with a **25% improvement in API response time** during testing.
- Integrated AI-powered Resume Classifier and Job Matching System, tested on **50+ sample resumes**, delivering personalized recommendations with **95% accuracy** in mock scenarios.
- Built interactive dashboards and analytics features that reduced user navigation steps by **30%** and projected a **40% increase** in user engagement based on prototype usability testing.

### LMS : CodePlay | Personal Project

[codeplay-beige.vercel.app](http://codeplay-beige.vercel.app)

- **Developed a scalable EdTech platform** using the MERN stack, simulating 1,000+ concurrent users, and integrated a secure **Razorpay** payment gateway, handling 100+ transactions with a 0% error rate.
- **Created intuitive instructor and student dashboards**, reducing course upload complexity by 40% and enabling real-time tracking of enrollment, performance, and financial data.
- **Optimized backend performance**, achieving a 25% reduction in API response time during stress testing, ensuring seamless operation under high-load conditions.

## EDUCATION

### Bachelor of Engineering in Computer Science | Marwadi University

Rajkot, Gujarat, 2026

- Data Structures and Algorithm ; Operating Systems ; Object Oriented Programming ; Linear Algebra ; Calculus ; Cloud Computing Essential ; Data Science Essential ; Machine Learning ; Computer Vision

## CERTIFICATIONS

### AWS Academy Cloud Foundations | AWS Academy Graduate

2023

## SKILLS

**Soft Skills:** Teamwork, Communication, Project Management, Agile Methodologies

**Software/Tools:** Vercel, Netlify, Render, AWS, Git & GitHub, RESTful APIs, JWT Authentication, Tailwind CSS, ShadCN UI, Cloudinary

**Programming Languages & Frameworks:** C++, MERN Stack (MongoDB, Express.js, React, Node.js), Next.js, TypeScript

**AI & Machine Learning:** AI API Integration, Prompt Engineering, LangChain, AI Model Fine-tuning, n8n