

Ankit Tiwari

Software Engineer

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SUMMARY

Software Engineer with experience in full-stack development, software design, and web application architecture. Proficient in node.js, database management, API optimization, and CI/CD workflows.

EXPERIENCE

Full Stack Engineer

thyssenkrupp

Apr 2026 – Jul 2026

- Contributed to full-stack development of internal web applications across frontend and backend environments.

Software Engineer Intern

Thyssenkrupp AB India

Apr 2025 – Jul 2026

- Architected and deployed Project Management Excellence (PME), a Node.js and MS SQL Server application supporting a 14-stage workflow and role-based access control.
- Engineered Site-Management companion application with unified JWT Single Sign-On and shared project database schema.
- Reduced REST API payload sizes by 80–95% via a sparse-update strategy and hardened security posture using Content-Security-Policy.
- Decreased backend boilerplate by 80% across three applications by designing a reusable four-file module pattern featuring JWT auth, bcrypt hashing, and session management.
- Managed complex SQL schemas and automated deployment pipelines using Git and GitHub Actions CI/CD.

SDE

Alif Media House

Jan 2025 – Apr 2025

Software Engineer Intern

ACM ENTERPRISE

Jan 2025 – Mar 2025

SDE

Alif Media House

Jan 2025 – Apr 2025

- Developed and customized e-commerce storefronts for client engagements using HTML5, CSS3, and JavaScript.

Content Editor

Bizup

Sep 2023 – Dec 2023

EDUCATION

Savitribai Phule Pune University · Bachelor of Engineering - BE · 2022

Kendriya vidyalaya · 2010 – 2022

JSPM's Bhivarabai Sawant Institute of Technology and Research, SPPU, Pune · Bachelor of Engineering (B.E.) · 2026

SKILLS

Languages and Frameworks: CSS, CSS3, HTML, HTML5, JavaScript, Python, SQL, TypeScript, Django, FastAPI, Node.js, NumPy, React.js, Sentence-Transformers

Databases: Microsoft SQL Server, PostgreSQL, SQLite

Tools: AWS Services, CI/CD, Claude, Database Schema Design, Docker, Git, GitHub Actions, JSON, OpenAI Codex, RAG, REST APIs

PROJECTS

CiteCheck

RAG Application | AI Verification | Full-Stack Development Built a Retrieval-Augmented Generation application for automated verification and document citation search.

RAG, AI

Ajinam Herbal

Brand Identity | Visual Design | Brand Guidelines Designed comprehensive visual design assets and brand identity guidelines.

DevSage

VS Code Extension | AI Developer Tool | Workflow Optimization Developed an AI-powered VS Code extension to streamline developer workflows and optimize code quality.

VS Code Extension, AI

Additional projects: Dhristi, CiteCheck — Document Search & Citation Verification System, ReLiving History — Constraint-Guided RAG Framework, Whisky — AI Music Streaming Desktop Application

AWARDS

Finalist at NEXTNICHE Hackathon'24, LinkedIn Content and Creative Design Certification, Getting Started with AWS Services Fundamentals for Beginners Certification, PMP Basics Certification, Tata Group - Cybersecurity Analyst Job Simulation Certification