

Shivam Dixit

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PROFESSIONAL SUMMARY

AI Software Engineer with experience building scalable applications. Worked on large-scale systems at **GeeksforGeeks**, handling **20M+** daily traffic, with hands-on experience in REST APIs, distributed systems, Docker, real-time communication, and AI-based solutions using GPT & RAG pipelines. Currently working at Surepass, building an AlaaS (AI-as-a-Service) platform.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java

Backend: FastAPI, Django REST Framework, Node.js, Express.js

Databases & Caching: MySQL, MongoDB, PostgreSQL, Redis, CDN

DevOps/Tools: AWS (S3, Lambda, SQS, EC2, IAM, RDS), Linux, Git, Bitbucket, Github, N8N

Frontend: Vue.js, Next.js, React.js, Redux, RTK, Tailwind CSS

EXPERIENCE

Surepass

06/2026 – Present

Software Development Engineer Intern

Delhi, India

- Developing a AlaaS (AI as a Service) Platform for Automating support and communication workflow for enterprises with their customers

Geeks for Geeks

11/2025 – 06/2026

Software Development Engineer Intern

Noida, India

- Developing scalable backend for [GfG Connect](#) using DRF for **20 Million+** User worldwide with PostgreSQL
- Contributed to Elasticsearch based search optimization for GfG Connect
- Implemented [Redis](#) and [Celery](#) (SQS Broker) for async tasks, improving response time & system performance
- Developed a real-time video/audio communication systems using [WebSockets/WebRTC](#) (Agora)
- Implemented CDN-based caching for GfG article pages, reducing estimated 32%+ backend requests
- Revamped [geeksforgeeks.org/jobs](#) into an SPA with SSR on initial render, resulting 28%+ performance gain
- Developed an end-to-end [Retrieval-Augmented Generation](#) (RAG) pipeline for article evaluation, providing automated review, error detection, improvement recommendations, and a quality-based reward and penalty scoring system.

Seoulx Technologies

07/2025 – 11/2025

Software Development Engineer Intern

Gurugram, India

- Improved overall system performance and **SEO by 73%**, migrating architecture to [SSR](#) based frontend [Next.js](#)
- Developed an enterprise-level application (ERS) from scratch to deployment, handling **2600+ Users daily**
- Designed and deployed a Dockerized [n8n](#) automation system on EC2, Integrating [OpenAI GPT APIs](#) with a RAG pipeline for context-aware YouTube content generation.

Ritual Guru

02/2025 – 04/2025

Full Stack Developer Intern

Vrindavan, India

- Implemented rate limiting which results in **30% API calls reduction**, improving backend efficiency
- Developed a Palmistry module with Sign detection and Lines detection using OpenCV and MediaPipe

PROJECTS

Studmart  | MERN, Redux, AWS S3, Redis, D3, Socket.IO | 

- Built scalable backend for student marketplace using **Node, Express, MongoDB, Redis** Socket.IO
- Designed secure authentication system using **JWT, Bcrypt** and authorization with **signed URLs**

ERS  | NextJs, Redux, D3.js, SQL, AWS, Tailwind | 

- Employee Review System - A Customer Review System with Employee KPI and Outlet Rankings
- Used by Million Dollar Entertainment Company - Mystery Rooms and Escape Rooms 2600+ Daily users

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University

06/2022 – 06/2026

Bachelor of Technology Major : Computer Science

Lucknow, India

CERTIFICATIONS & ACHIEVEMENTS

Solved 250+ DSA Questions (Leetcode + GfG)

4th Prize – World Engineering Day

2nd at BSathon - DSA Competition

2nd - Eureka AI Startup Idea Competition