




NIKHIL KHANNA

Senior Software Engineer

 devnikhil.com

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ABOUT ME

Experienced Full Stack Developer specializing in microservices architecture and scalable system design. Adept at leading end-to-end application development with a focus on performance and maintainability. Proficient in technologies like JavaScript, Node.js, React, GraphQL, and AWS. Seeking to apply my expertise in microservices architecture, cloud technologies, and full-stack development to build scalable, high-performance solutions in innovative tech-driven environments.

EDUCATION

2020 - 2023 | Amity Online University
Bachelor of Computer Applications

2015 - 2016 | Central Academy, Lucknow

INTERMEDIATE

2013 - 2014 | Central Academy, Lucknow
HIGH SCHOOL

SKILLS

- Programming Languages & Technologies:** JavaScript, NodeJs, GraphQL, React, NestJs, ExpressJs, Laravel, MySql, Postgres, MongoDB
- Architecture & Project Management:** Architectural Planning, System Design, Microservices, Domain-Driven Design (DDD)
- Currently Learning:** DDD, Docker, AWS technologies, Large Language Models (LLMs)

PROJECT

Ticketing App (Full-Stack Application)

A full stack application, where any customer can create, sell or purchase the tickets. Followed Event-Based Microservice Architecture and Server-Side Rendering with React.

Technologies Used: JavaScript, Node.js, React, Express.js, MongoDB, Docker, AWS.

HRIS Dashboard

A modern, responsive, and scalable Human Resource Information System (HRIS) dashboard built with Next.js, GraphQL, and Material-UI.

Technologies Used: Next.js, GraphQL, Material-UI, PostgreSQL, TypeScript

WORK EXPERIENCE

SYLLABUS BUDDY	FEBRUARY 2025 – PRESENT
Founder / Developer (Self-Initiated Project)	syllabusbuddy.com
<ul style="list-style-type: none">Designed and developed a mobile-first learning platform that converts syllabus into daily AI-generated MCQs.Implemented backend using Node.js, PostgreSQL, Redis, and OpenAI GPT APIs for topic parsing, quiz generation, and personalized scheduling.Built REST APIs for topic tracking, streaks, quiz attempts, and reward systems using in-app currency.Developed with scalable architecture using queues (SQS), background jobs, and caching for performance.	
GREENSTORY	MAY 2022 – JULY 2024
Senior Software Engineer	
<ul style="list-style-type: none">Led the architecture and development of critical functionalities, starting from scratch and successfully deploying to production.Implemented Domain-Driven Design (DDD) principles with NestJs to enhance system modularity and maintainability.Created and utilized storybook components with React to streamline UI development.	
DEVTECH ENTERPRISE PVT LTD	OCTOBER 2021 – APRIL 2022
Software Engineer	
<ul style="list-style-type: none">Architected and developed key features for a highly interactive e-commerce website using ReactJs, NestJs, GraphQL, and Postgres.Managed the entire development lifecycle, from initial requirements gathering to final deployment.Played a pivotal role in setting up the microservices architecture, ensuring scalability and robustness.	
NRSYS TECHNOLOGIES	JULY 2020 TO JUNE 2021
Web Developer	
<ul style="list-style-type: none">Built the website thehomebaker.in from the ground up, handling both front-end and back-end development using HTML, CSS, JavaScript, Laravel, and MySql.Successfully took the project from concept to production, ensuring a seamless user experience and high performance.	
PAPEROUT	JULY 2019 TO JULY 2020
Web Developer and Founder	
<ul style="list-style-type: none">Architected and developed PaperOut, a one-stop e-platform for students, managing the entire development process from scratch to production.Researched and implemented new technologies to enhance the platform's capabilities and user experience.	
INTO LEGAL WORLD	JUNE 2018 TO AUG 2018
Web developer	
<ul style="list-style-type: none">Experience with RESTful API design and development.Tech stack used: HTML, CSS, JavaScript, PHP, MySql.	