NIKHIL **KHANNA**

Senior Software Engineer

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PROFILE INFO

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.

EXPERIENCE

Senior Software Engineer
Greenstory
May 2022 - July 2024

- 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.
- Worked closely with cross-functional teams to ensure seamless integration of new features.

Software Engineer
Devtech Enterprise Pvt Ltd
October 2021 - April 2022

- 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.

Web Developer
NRSYS TECHNOLOGIES
July 2020 to June 2021

- 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.

Web Developer and Founder
PaperOut
July 2019 to July 2020

- 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.

Web developer
INTO LEGAL WORLD
June 2018 to Aug 2018

- Experience with RESTful API design and development.
- Tech stack used: **HTML, CSS, JavaScript, PHP, MySql**.

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

PROJECT

Ticketing App (Full-Stack Application)

 GitHub

Description: Developed a comprehensive full-stack ticketing application using an Event-Based Microservice Architecture with server-side rendering powered by React. The project was built to handle high traffic, providing users with real-time updates on ticket availability and bookings.

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

- Architected the entire system, designing **microservices** for user management, payment processing, and ticket management.
- Implemented server-side rendering using **React**, optimizing the application's performance and **SEO**.
- Developed and deployed the application using **Docker** containers, ensuring consistency across development and production environments.
- Integrated AWS services, including **EC2**, **S3**, and **Lambda**, for scalable and secure deployment.
- Implemented **CI/CD** pipelines to automate testing, building, and deployment processes, ensuring fast and reliable releases.