SHUBHAM KHAN

Bangalore, INDIA

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SUMMARY

Full Stack **Software Engineer** with **3.10+** years of experience in React, Next.js, Spring Boot, Node.js, SQL, and building AI-powered chatbots using Generative AI. Expert in REST APIs, Microservices, Docker, and cloud deployment; skilled in building scalable, secure web applications that improve performance, reduce downtime, and enhance user experience.

SKILLS

Frontend Technologies: HTML5, CSS3, JavaScript, TypeScript, Material UI, ReactJS, NextJS, Redux, WebSocket
Backend Technologies: Spring Boot, Node.js, Java 8, Express.js, RESTful API, Microservices, Redis, MySQL, OOPS, Git
Cloud/DevOps Tools: Nginx, Kafka, RabbitMQ, Docker, Kubernetes, CI/CD, Azure DevOps, AWS EC2, AWS S3, Jira, Agile

EXPERIENCE

Dietary Business Intelligence Private Limited
Senior Software Engineer
Jun 2024 – Present
Bangalore, INDIA

- Boosted **Nexus** search performance by **40%** using a scalable **Node.js** solution with **Next.js**, TypeScript, and **Elasticsearch**
- Developed secure Single Sign-On (SSO) and **JWT** authentication using **Spring Boot** to improve session reliability by **30%**
- Constructed **encryption** and **decryption** mechanisms in **Node.js** for handling sensitive data to ensure security standards
- Reduced deployment time by **50%** using **Docker** based CI/CD pipelines in **AWS** and used **RabbitMQ** to send notifications

Reliance Jio Platforms Limited
Software Development Engineer
Apr 2022 – Jun 2024
Bengaluru, INDIA

- Designed and developed the **JioSign** product for **digital signatures** with **5+** signing methods, adopted by **50,000** users
- Optimized frequently accessed **Spring Boot** back-end APIs and **SQL queries** to enhance response time by **68%**
- Maintained the product with **ReactJS** on the front-end, **Java Microservices**, SQL in the back-end, hosted on **Kubernetes**
- Configured **API** routing through **Non-DMZ** via **Nginx** to the respective pods and load balancing for **40+** microservices

NetTantra Technologies
Junior Software Developer
Oct 2021 – Mar 2022
Bhubaneswar, INDIA

- Improved project flexibility by **96%** through advanced JavaScript **DOM manipulation** techniques
- Collaborated with a team of **6+** developers to design responsive UIs and resolved **100+** front-end bugs
- Achieved full-stack development with **React**, **Node.js**, Express.js, and MongoDB to enhance **25%** project delivery speed

PROJECTS

Generative AI (GenAI) Chatbot | *Next.js, OpenAI API, CI/CD* | https://github.com/shubhamkhan/Chat-Bot   **Apr 2025**
- Built a personalized **AI-powered** chatbot using OpenAI's GPT API to engage **75%** of user interactions
- Implemented a **chatbot** to provide contextual responses based on user data to simulate human-like behavior using **LLMs**

Contact Note | *Thymeleaf, Spring Boot, PostgreSQL, Postman* | https://github.com/shubhamkhan/Contact-Note   **Aug 2022**
- Created a contact management system capable of storing and managing over **10,000** contacts in the **database**
- Integrated **SMTP** email service for password reset and Razorpay for **payment gateway**, boosting system functionality

EDUCATION

Kalyani Government Engineering College
Master of Technology in Computer Science & Engineering
Aug 2019 – Jun 2021
West Bengal, INDIA

Jalpaiguri Government Engineering College
Bachelor of Technology in Computer Science & Engineering
Aug 2015 – Jul 2019
West Bengal, INDIA

Elitte Institute of Engineering & Management
DIPLOMA in Computer Science & Technology
Jun 2013 – Jul 2015
West Bengal, INDIA

ACHIEVEMENTS

- Contributed to the **open-source** SVG-edit project on GitHub, a web-based SVG drawing editor with **8,000+** users
- Earned **5*** Gold badge on HackerRank for Python and Solved **400+** LeetCode Data Structures and Algorithms Problems

CERTIFICATIONS

INTERNSHIP - *Indian Institute of Engineering Science and Technology* | Bootstrap, JQuery, AJAX | Link   **May 2017 – Jul 2017**
TRAINING - *Numerico Informatic System Private Limited* | HTML, CSS, PHP & MySQL | Link   **Jan 2015 – Feb 2015**
CCNA (TECH II & III) - *CMC Limited* | Windows Server 2008, Linux, Routing and Switching | Link   **Jan 2014 – Feb 2015**