

SHUBHAM KHAN

Bangalore, INDIA

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SUMMARY

Full Stack **Software Engineer** with 4+ years of experience building scalable fintech and enterprise platforms using React, Spring Boot, Node.js and SQL. Strong background in designing microservices, authentication and authorization systems, performance optimization, and production-grade cloud deployments. Led GenAI-driven document processing in production.

SKILLS

Frontend Technologies: ReactJS, Next.js, JavaScript, TypeScript, Redux

Backend Technologies: Spring Boot, Java 8, Node.js, REST APIs, Microservices, JWT, Redis, MySQL

Infra/DevOps Tools: Docker, Kubernetes, Nginx, Kafka, RabbitMQ, CI/CD, AWS(EC2, ECS, S3), Jira, Agile

EXPERIENCE

Zoop Money

Jun 2025 – Present

Senior Software Engineer

Bangalore, INDIA

- Led direct integration with 3+ banks for home loan processing, enabling **Zoop Money** end-to-end digital loan flow
- Improved document extraction accuracy by 45% using **OpenAI** and **Claude** models, reducing manual verification
- Architected centralized Authentication and RBAC service using Spring Boot and Redis, used across 3+ applications

Dietary Business Intelligence Private Limited

Jun 2024 – May, 2025

Senior Software Engineer

Bangalore, INDIA

- Boosted **Nexus** search performance by 40% using a scalable **Node.js** solution with **Next.js**, **TypeScript**, and **Elasticsearch**
- Developed enterprise-grade **SSO** and **JWT-based** authentication using **Spring Boot**, to improve session reliability by 30%
- Implemented **AES** and **RSA encryption, decryption** mechanisms for handling sensitive data, ensuring 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

Apr 2022 – Jun 2024

Software Development Engineer

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%
- Delivered front-end features using **ReactJS** and backend **Java Microservices** with SQL, deployed on **Kubernetes**
- Configured **API** routing through **Non-DMZ** via **Nginx** to the respective pods and load balancing for 40+ microservices

PROJECTS

Generative AI (GenAI) Chatbot | *Next.js, OpenAI API, CI/CD* | <https://github.com/shubhamkhan/Chat-Bot>

Apr 2025

- Built a **GenAI-powered** chatbot using Next.js and OpenAI's GPT API, handling 75% of user queries automatically
- Constructed 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

Aug 2019 – Jun 2021

Master of Technology in Computer Science & Engineering

West Bengal, INDIA

Jalpaiguri Government Engineering College

Aug 2015 – Jul 2019

Bachelor of Technology in Computer Science & Engineering

West Bengal, INDIA

Elite Institute of Engineering & Management

Jun 2013 – Jul 2015

DIPLOMA in Computer Science & Technology

West Bengal, INDIA

ACHIEVEMENTS

- Contributed to the **open-source SVG-edit** project on GitHub, a web-based SVG drawing editor with 8,000+ users
- Solved 400+ Data Structures and Algorithms Problems on **LeetCode**, strong in string, arrays, trees, graphs, and hashing

EARLY PROFESSIONAL EXPERIENCE

NetTantra Technologies Private Limited - Jr. Software Developer | React, Node.js, Express.js, MongoDB **Oct 2021 – Mar 2022**

Indian Institute of Engineering Science and Technology - INTERNSHIP | HTML, CSS, PHP & MySQL **May 2017 – Jul 2017**

RABT Technology Private Limited - TRAINING | Bootstrap, JQuery, AJAX, PostgreSQL **Feb 2015 – Apr 2015**