



Shanu Khera

Senior Software Developer

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📄 Summary

Pragmatic, motivated and experienced software engineer with a strong track record of designing and implementing software solutions across various domains with total 10+ years of experience.

📄 Skills

Languages

Python
JavaScript
TypeScript
C
SQL
Bash
Erlang
Go

Frameworks

Flask
React
React Native
Next.js
Gin

Tools

Git
Docker
Jenkins
AWS
Linux
Vim
Postman
Swagger
Jira
Firebase
Postgres
Redis
ClickHouse
Apache Spark
Apache Airflow
Apache Kafka

📄 Experience

Senior Software Developer | Nextroll Inc., USA | April 2021 - Present (Remote | WFH)

- * Enhanced company's data platform by developing and maintaining cutting-edge backend and frontend systems.
- * Spearheaded diverse projects encompassing data ingestion, processing, and visualization.

Senior Technical Staff | Avior Wealth, Australia | January 2018 - April 2021 (Remote | WFH)

- * Orchestrated the establishment of a comprehensive software development ecosystem, from hiring technical staff to setting up infrastructure.
- * Pioneered the creation of a sophisticated Wealth Management App, including a seamless Frontend App, Website, Backend, CI/CD, and more.

Tech Founder | Fyraway, India | June 2019 - March 2020 (Remote | WFH)

- * Founded and successfully sold an innovative Ed-tech startup, offering a gamified coding learning platform for young learners aged 6-14.

Head of Tech Curriculum | Navgurukul, India) | April 2018 - March 2019 (Hybrid: Onsite and WFH)

- * Designed and implemented a robust curriculum for a residential program, imparting essential computer science skills to over 30 underprivileged students aged 18-25.

Software Engineer | Red Panda Innovation Labs, India | February 2017 - October 2017 (Onsite)

- * Developed and maintained advanced backend and frontend systems for the company's largest IoT client, driving innovation in the industry.

Member of Technical Staff | Octro Inc., India | August 2015 - February 2017 (Onsite)

- Pioneered the creation of a scalable internal build system, optimizing productivity and efficiency for the company's mobile game development.

Software Engineer | Aricent Technologies, India | September 2013 - August 2015 (Onsite)

- * Contributed to the development of cutting-edge telecom products, specializing in the SS7 protocol stack and enhancing the company's technology portfolio.

📄 Projects

Dexter | A Bytecode-based Virtual Machine | C

<https://www.github.com/khera-shanu/dexter>

A turing-complete object-oriented programming language written in C.

Giganoto | Community-driven e-learning platform | Python and Next JS.

<https://www.github.com/giganoto/>

An AI-assistance community-driven e-learning platform to support underprivileged learners.

Asha | A proof-of-concept distributed file system | Go.

<https://www.github.com/khera-shanu/asha>

Simple distributed file system showcasing decentralized file storage and management.

📄 Education

Bachelor of technology in Computer Science

Uttarakhand Technical University, India

Consistently ranked in the top 5% of my class, demonstrating exceptional aptitude in mathematics and programming.