

# SUMIT KUMAR

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## EDUCATION

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**BTech IT**, Gautam Buddha University  
Greater Noida, India

Expected 2024

## SKILLS

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**Programming Languages:** Rust, C/C++, Python, Kotlin, TypeScript, Dart, Solidity  
**Software:** Git, Docker, Docker Compose, Linux  
**Databases:** MongoDB, PostgreSQL, SQLite, MySQL  
**Blockchain:** Substrate, MultiversX, Anchor (Solana), Ethers.js, Tron, Dfinity  
**Backend Development:** Node.js, Express, MikroORM, Prisma, Next.js, Fast API, Actix, Fastify, Diesel  
**Frontend Development:** SolidJS, React, Tailwind  
**Android:** Flutter, Jetpack Compose, ROM Development  
**Misc:** Elixir, Zig, SDL, Telegram Bot API, Discord Bot API

## EXPERIENCE

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**Blockchain Engineer** Sept 2021 - Present  
XP Network *Remote*

- Development of Cross-Chain NFT Smart Contracts in Rust, Move and Solidity for EVM, Elrond and Solana, Near, Dfinity, Aptos
- System Administration of Linux Servers
- Development of a very generalized open source client library which is the entrypoint to the bridge

**Freelance** Jan 2019 - Sept 2021  
N/A *Remote*

- Blockchain Development which involved smart contracts for various clients in Solidity, Solana, and Near.
- Web Development which involved designing frontend and backend servers as per client's demand.

**Open Source Developer** Jan 2017 - Present  
N/A *Remote*

- Development of AOSP (Android Open Source Project) and its Forks
- Multiple FOSS Apps and Libraries on Github

## PROJECTS

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**Formula** Built a tool to listen for Ethereum NFT events on multiple chains concurrently to record NFT movements and list NFTs of user. Written fully in Rust, with perfect utilisation of the great Multi threading support via Tokio. (Try it here)

**Posiedon** Built a toy blockchain in rust to learn how a blockchain works. It uses RocksDB as database. Based on PoW Model, and UTXO Style Transaction. (Try it here)

**Oak-log** An open source logger for the oak web server on deno. This can be just a plug and play library for servers written in Oak Framework for logging http web requests in web servers.(Try it here)

**Quicssh-rs** A QUIC/HTTP3 Proxy for SSH Connections that can be used without patching the client or the server. (Try it here)

## EXTRA-CURRICULAR ACTIVITIES

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- Former Blockchain Lead at Google Developer Student Club in Gautam Buddha University