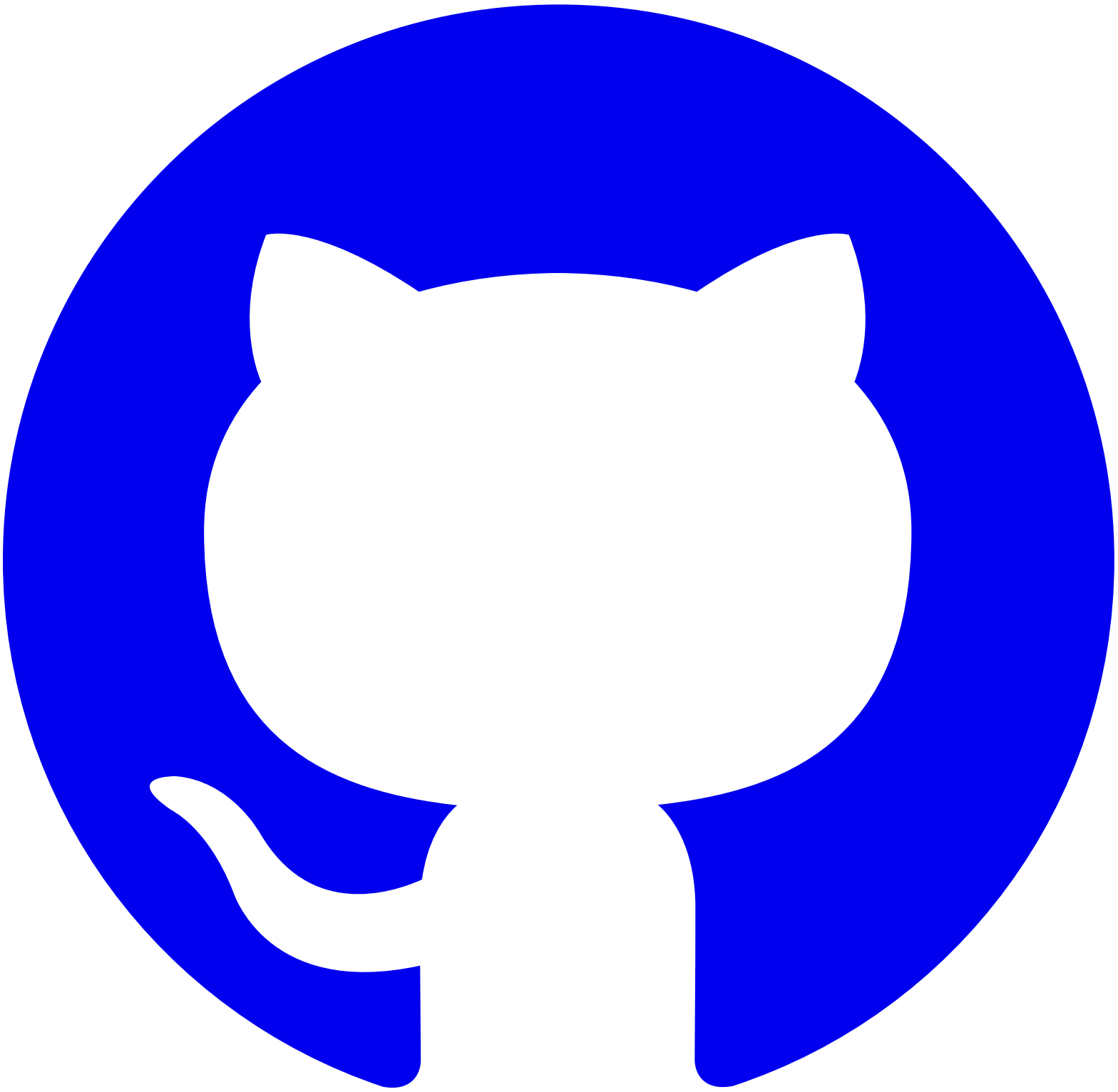
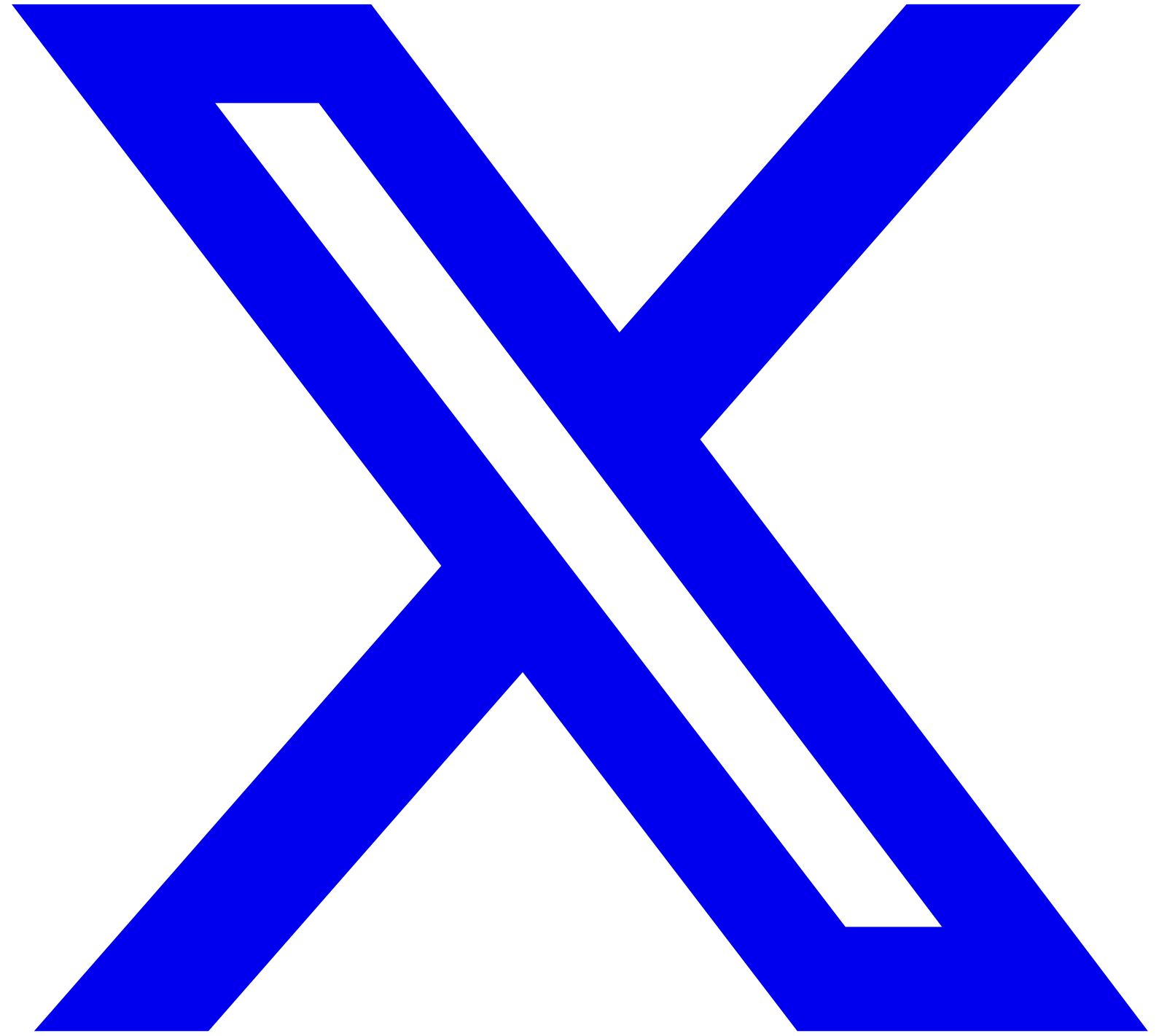
Shubham Kumar

Senior Software Engineer | CTF Player | Hacker

Koramangala, Bengaluru, India, IST





hello@shubhkumar.in+917406879845https://shubhkumar.in
SK

About

Seasoned software engineer with expertise in end-to-end development cycle. Demonstrated success in optimizing intricate systems, overhauling payment applications, and elevating user experiences through inventive solutions.

Work Experience

6+ Years

AirFi
Remote

2021 - Present

Senior Software Engineer

- Proficiency in designing and optimizing intricate systems.
- Augmented offline Payments Applications with online verification capabilities in the presence of internet connectivity.
- Noteworthy increase in Captive portal launch rates, from 50% to over 75%.
- Developed a versatile Remote Sync Service for content synchronization.
- Executed comprehensive refactoring of ADS-B Services for seamless event communication.
- Pivotal role in enhancing email accessibility via satellite.
- Implementation of restrictions to text-only formats for improved email accessibility.

Juspay
Onsite

2018 - 2021

Software Developer

- Core Member of the team, responsible for designing and implementing the payout system
- Revamped CRED app's payment backend in PureScript, slashing payout time from 1 minute to 6 seconds
- Enabling seamless credit card transactions
- Generic fulfillment for various financial operations
- Implemented BillPayment Service for HPGas on Google Pay.

Juspay
Onsite

2017 - 2018

Software Developer Intern

- Implemented a RESTful crypto service with secure key storage for encryption and signing

Education

The Oxford College of Engineering, Bengaluru VTU

2013 - 2017
Bachelor's of Engineering, Compute Science

Skills

programming language

- TypeScript
- JavaScript
- Purescript
- Haskell

databases

- MongoDB
- CouchDB
- MySQL
- PostgreSQL

framework and runtime

- NextJs
- Express
- NestJS
- NodeJS
- Bun

tools

- Git
- GNU Bash
- ZSH
- Neovim
- VS Code
- TailwindCSS
- Supabase
- Docker
- Kubernetes
- Linux
- MacOS
- Heroku
- Render
- Google Cloud
- Amazon Web Services
- Digital Ocean
- FlyIO

Projects

f3v3r.in

f3v3r.in

Cybersecurity blog

Side Project
JavaScript
Markdown

hexo-twitter-auto-publish

github.comshubham399/hexo-twitter-auto-publish

A Hexo bot to auto tweets on Twitter for the blogs published via Hexo

Side Project
TypeScript
Node.js

urlshortner

github.comshubham399/urlshortner

A URL Shorter service

Side Project
TypeScript
Node.js

fly_db_backup

github.comshubham399/fly_db_backup

A tool to backup and restore Postgres database hosted on fly.io to cloudflare R2

Side Project
TypeScript
Python3

Discord Bot

github.comshubham399/discord-role-management-htb

A role management Discord Bot

Side Project
JavaScript
Node.js
WebSocket

Certifications

Google Cybersecurity

coursera.orgaccount/accomplishments/specialization/9FYU7RQDJGJ5

Google Cybersecurity Professional Certifications

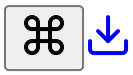
Understanding CouchDB 3

ude.myUC-3e1c81c6-5f18-47a8-b801-61f298f02731

Understanding CouchDB 3: Learn Basic & Advanced NoSQL Skills

Bash Scripting

ude.myUC-80a8dd92-3c5e-4bdb-ab53-215d1e220f49

Bash Scripting and Shell Programming (Linux Command Line)

Press ⌘J to open the command menu