

Shubham Kumar

Senior Software Engineer

⊕ Koramangala, Bengaluru, India, IST

hello@shubhkumar.in

[+917406879845](tel:+917406879845)

<https://shubhkumar.in>



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

Tools

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

Programming Language

- Purescript
- JavaScript
- Haskell
- TypeScript

Framework And Runtime

- NestJS
- NextJs
- Express
- NodeJS
- Bun

Databases

- Redis
- PostgreSQL
- MongoDB
- MySQL
- CouchDB

Projects

f3v3r.in

Cybersecurity
blog

hexo-twitter-auto- publish

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

urlshortner

A URL Shorter
service

fly_db_backup

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

Certifications

Discord Bot

A role management
Discord Bot

Google
Cybersecurity Specialization
Google

Sound the Alarm: Detection and Response
Google

Automate Cybersecurity Tasks with Python
Google

Assets, Threats, and Vulnerabilities
Google

Connect and Protect: Networks and Network Security
Google

Tools of the Trade: Linux and SQL
Google

Foundations of Cybersecurity
Google

Understanding CouchDB 3: Learn Basic & Advanced NoSQL Skills
Udemy

Bash Scripting and Shell Programming (Linux Command Line)
Udemy

Ethical Hacking for Beginners
Udemy

Practical Ethical Hacking -The Complete Course
Udemy