Shubham Kumar

Senior Software Engineer | CTF Player | Hacker

⊕ Koramangala, Bengaluru, India, IST

hello@shubhkumar.in
+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

Skills

Programming Language

- Haskell
- Purescript
- NodeJS
- JavaScript
- PostgreSQL
- MacOS
- Amazon Web Services
- Express
- Git
- NestJS
- Google Cloud
- Linux
- Neovim
- Render
- VS Code
- TailwindCSS
- TypeScript
- CouchDB
- MySQL
- NextJs
- ZSH
- Kubernetes
- Netlify
- Digital Ocean
- MongoDB
- Heroku
- GNU Bash
- Redis
- Supabase
- FlyIO
- Docker
- Bun

Databases

- Haskell
- Purescript
- NodeJS
- JavaScript
- PostgreSQL
- MacOS
- Amazon Web Services
- Express
- Git
- NestJS
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- Neovim
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Framework And Runtime

- Haskell
- Purescript
- NodeJS
- JavaScript
- PostgreSQL
- MacOS
- Amazon Web Services
- Express
- Git
- NestJS
- Google Cloud
- Linux
- Neovim
- Render
- VS Code
- TailwindCSS
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Tools

- Haskell
- Purescript
- NodeJS
- JavaScript
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Projects

f3v3r.in

Cybersecurity blog

hexo-twitter-auto-publish

A Hexo bot to auto tweets on Twitter for the

Certifications

Google Cybersecurity

Google Cybersecurity

Understanding CouchDB 3

Understanding CouchDB 3: Learn

blogs published
via Hexo

Professional
Certifications

Basic & Advanced
NoSQL Skills

urlshortner

A URL Shorter
service

fly_db_backup

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

Bash Scripting

Bash Scripting
and Shell
Programming
(Linux Command
Line)

Discord Bot

A role management
Discord Bot