

Shubham Kumar

Senior Software Engineer
✉ Bengaluru, India, IST

hello@shubhkumar.in
[+917406879845](tel:+917406879845)
<https://go.shubhkumar.in/site>

About

Seasoned software engineer with 7 years of experience in the end-to-end development cycle. Demonstrated success in optimizing intricate systems, overhauling payment applications, and elevating user experiences through inventive solutions.

Work Experience

7+ Years

AirFi Remote 2025 - Present
Associate Lead Engineer – Consultant
• Working on Embedded System Firmware
• Working on Getting LEO Connectivity Working

AirFi Remote 2021 - 2025
Senior Software Engineer
• Designed and optimized intricate systems for enhanced efficiency and reliability.
• Enhanced offline payment applications by integrating online verification capabilities when internet connectivity is available.
• Increased captive portal launch rates by 50%, achieving over 75% success.
• Developed a versatile remote sync service for efficient content synchronization across platforms.
• Refactored ADS-B services, ensuring seamless event communication.
• Improved email accessibility via satellite, playing a pivotal role in project success.
• Implemented text-only format restrictions, significantly improving email accessibility.

Juspay Onsite 2018 - 2021
Software Developer
• Served as a core team member, 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
• Enabled seamless credit card transactions by integrating with multiple banks and payout providers; refactored the transaction flow, reducing processing time at all possible stages.
• Implemented a generic fulfillment system for various financial operations, ensuring streamlined and efficient processing
• Implemented the Bill Payment service for HP Gas on Google Pay, enabling customers to seamlessly book and pay for gas through the platform

Juspay Onsite 2017 - 2018
Software Developer Intern
• Implemented a RESTful crypto service with secure key storage for encryption and signing, ensuring robust data protection and secure transactions.

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
- Mac OS
- 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	hexo-twitter-auto-publish	A Hexo bot to auto tweets on Twitter for the blogs published via Hexo
fly_db_backup	Discord Bot	A tool to backup and restore Postgres database hosted on fly.io to cloudflare R2

Certifications

urlshortner	Cutshort Certified NodeJS (Node.js) - Basic	Cutshort Certified Algorithms - Basic	Google Cybersecurity Specialization
	Cutshort	Cutshort	Google
	Tools of the Trade: Linux and SQL	Understanding CouchDB 3: Learn Basic & Advanced NoSQL Skills	Bash Scripting and Shell Programming (Linux Command Line)
	Google	Udemy	Udemy
	Practical Ethical Hacking - The Complete Course		
	Udemy		