

Subham Kumar

Software Developer

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📍 Bengaluru 🌐 GitHub 🌐 Website

👤 PROFILE

Versatile and result driven modern Full Stack Software Developer with a proven track record of over 1 year in the dynamic field of software development. Passion for cutting-edge technologies and comprehensive skillset, I specialize in design and implementation of robust web applications. My proficiency spans both front-end and back-end development, allowing me to create seamless user experiences and scalable solutions.

🧠 SKILLS

HTML • CSS (Bootstrap, Tailwind, Framer Motion)

Javascript • TypeScript • NodeJS • Python

React (Redux, NextJS v 13) • **REST** (Express)

Database (mongoDB, Postgresql, PineconeDB, Redis)

ORM (Prisma, mongoose) • **GraphQL** (apollo)

Google Cloud (Cloud Functions, Firebase) • **Git**

Docker • AWS (S3, EC2, ECS, Lambda) • **Linux**

📁 PROFESSIONAL EXPERIENCE

Project Intern

100xDevs 🌐

Jun 2023 – present

ChatPDF

AI RAG SaaS for chatting with PDF files.

<https://github.com/EagleVector/chatpdf> 🌐

Tech: NextJS 13, Typescript, Tailwind, Drizzle, AWS S3, OpenAI API, Pinecone DB, Stripe, Vercel AI SDK

Built on NextJS 13 app router which measures performance metrics over 95%. Payment integration with Stripe and hosted on Vercel Edge runtime for superfast chat response.

VideoStation

Video Processing Service to transcode video into 360p

<https://github.com/EagleVector/video-transcoding-service> 🌐

Tech: NextJS 13, FFmpeg, Typescript, Docker, Google Cloud Platform

Containerized serverless backend architecture with custom cloud functions to implement auth, upload, queue, transcode, deploy and maintain metadata.

📁 PROJECTS

Proshop 🌐

An e-commerce shopping platform

<https://github.com/EagleVector/ProShop> 🌐

Tech: Javascript, React, NodeJS, Express, MongoDB, Redux Toolkit, JWT, Paypal, SSL

- Modern User Interface with React Bootstrap UI and elegant state management with Redux Toolkit.
- Advanced API, custom middleware for error handling, Mongoose models, controllers, routes and authentication with JWT & HTTP-Only cookies.
- Admin Dashboard & CMS for maintenance and 4-step checkout process with PayPal gateway.

DevCamper 🌐

Backend RESTful API For Bootcamp App.

<https://github.com/EagleVector/DevCamper> 🌐

- Advanced Mongoose Queries, JWT/Cookie Auth, Express & Mongoose Middleware (Geocoding).
- Advanced search filtering with MapQuestAPI.
- API Security (NoSQL injection, XSS protection, Rate Limiting), API Documentation & Deployment.

Twitter-clone

Tech: NextJS, Tailwind, Typescript, GraphQL, PostgreSQL, Supabase, Prisma, AWS, Redis

Server 🌐 UI 🌐

- Advanced NextJS server-side static page rendering for fast page reload and improved SEO.
- React-Query for client-side data and query caching. Typescript to write type-safe and good-quality code.
- Twitter Backend GraphQL server with Prisma ORM. AWS for storage, deployment and CDN.

📁 OPEN SOURCE

IPYNBRENDER

Python Package

<https://pypi.org/project/IPYNBrender/> 🌐

- This package is meant to render Websites, Docs, and Videos in Jupyter Notebooks for easy reference.
- This package is an OS-independent package as well as tested for multiple versions of python

Cal.com

Open source Calendly alternative

🎓 EDUCATION

B.Tech- Mechanical Engineering
Bangalore Institute of Technology

Jun 2015 – Jun 2019 | Bengaluru, India

Cumulative Percentage: 72

📄 CERTIFICATES

- Meta Developer Professional
- Algorithms