

Prashant Kumar Jha

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🎓 EDUCATION

PES Institute of Technology, *B.E. in Computer Science*

08/2017 – 08/2021 | Bengaluru, India

St. Michael's Hight School, *CBSE - 12th Grade*

2015 – 2017 | Patna, India

St. Paul's Hight School, *ICSE - 10th Grade*

2007 – 2015 | Patna, India

🧠 TECHNICAL SKILLS

Programming Languages

C, C++, Java

Web Development

Javascript, React, flask

Database

MySQL

Backend Skills

REST API, Python(flask), Postman

Other Skills/Tools

Linux Commands, Wireshark, Networking concepts and Security

Source Code Management

Git

🔗 EXPERIENCE

Comono India, *Software Developer and Co-founder*

08/2021 – present

- Developed a platform that can be used to access data easily from ElasticSearch cluster.
- Functionalities like filtering, sorting were implemented.
- Tech Stack used : React, FastAPI, AWS and Terraform.

Comono AS, *Full Stack Developer*

01/2021 – 07/2021

- Worked on a project that provides law firms different tools to handle documents and contracts in a better way.
- Refactored and optimized the algorithm to improve the efficiency and performance of one of the core features of the product.
- Tech stack used to build the platform was React JS, Node JS, MySQL and AWS.

Crio.Do, *Backend Developer*

01/2020 – 04/2020

- Crio.Do's focuses on how to build real-world products to learn tech development hands-on .
- Worked on various projects aimed to improve fundamental skills such as Data Structure, Algorithms, Linux commands, etc required as a Computer Science Engineer.
- Developed scripts to handle installation and analyzing performance of a secure file-sharing service,VSFTPD server.
- Build the core logic of a Stock Portfolio Manager and published it as a library.
- Applied Data Structure and Algorithm to solve problems.

📁 PROJECTS

QBox, *Secure file-sharing service* [🔗](#)

- Created pre-install scripts to run system checks, install and configure QBox.
- Formed performance benchmark using base version of QBox and identified regressions in newer versions.
- Troubleshooted Network issues, by capturing packets using Wireshark and analyzing them.
- Created SSL certificates and used them to enable secured file transfer.
- Snooped network traffic using Wireshark and ensured that it was indeed encrypted.

moviedb, *web-app to browse movies.* [🔗](#)

- Build using flask as backend, it provides users to search through the imdb database.
- Used TMDb API to get details about any movie or tv series.
- Users can create their account and add movies, tv shows to their favorite list.
- The user details are stored in MySQL database
- Deployed it on heroku, LINK : <https://project-moviedb.herokuapp.com/>

QMoney, *visual stock portfolio analyzer* [🔗](#)

- Implemented the core logic of the portfolio manager and published it as a library.
- Used Tiingo's REST APIs to fetch stock quotes.
- Refactored Code to add support for multiple stock quote service.
- Published the portfolio Manager as a JAR file for easy versioning and distribution.