

Piyush

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EDUCATION

BML MUNJAL UNIVERSITY

BTECH IN COMPUTER SCIENCE

August 2017 | Haryana, IN

CGPA: 9.73 / 10

DCM SEN. SEC. SCHOOL

11 - 12

March 2014 | Punjab, IN

Perc: 94.2%

LINKS

Github:// piyush14298

CodeChef:// pi14

CodeForces:// piyush14298

SKILLS

PROGRAMMING

C++ • Java • Python • Go • Swift

Tools

Shell • Django • Git • REST APIs

OTHER

Linux

OS Concepts

Networking concepts

Competitive Coding

Cryptography

Information Retrieval

COURSEWORK

UNDERGRADUATE

Design and Analysis of Algorithms

Information Retrieval

Software Engineering

Artificial Intelligence

Discrete Mathematics

Operating Systems

Machine Learning

Database Systems

Computer Networks

Object Oriented Programming

Cryptography

Image Processing

Security Attack and Defense

INTERESTS

Photography

Programming

Drawing, Sketching

EXPERIENCE

GOOGLE | SOFTWARE ENGINEER

May 2021 - Present | Full Time | Bangalore, IN

- Working as a part of Communication and Collaboration Core team.
- Contributing towards security and reporting aspect of the Google Workspace apps.
- Working to improve the Rules and Alerts workflow provided to the Google workspace admins to manage their users.

OKCREDIT | SWE INTERN

Feb 2021 - May 2021 | Remote | Bangalore, IN

- Worked as a part of OkPay, which is the payments team within OkCredit.
- Contributing to a microservice which handles a 100k RPM.
- Worked on a feature to simplify the payment flow from the customer to the merchant
- Tech stack - GoLang, Pubsub

PROJECTS

CRIO.DO | STUDENT DEVELOPER

Jan 2020 - April 2020

Portfolio:<https://criodo.github.io/Crio-Launch-Feb-2020-piyoosh14298/>

QCharm is an online IDE.

- Implemented basic features of an IDE like cut/copy/paste.
- Used various data structures and algorithm for optimization.

QMoney is a visual stock portfolio analyzer.

- Implemented the core logic of the portfolio manager and published it as a library.
- Refactored code to add support for multiple stock quote services.

QBox is a VSFTPD based secure file-sharing service.

- Created pre-install scripts to run system checks, install and configure QBox.
- Developed tools to automatically analyze performance and functionality issues in different versions of QBox.

E-NIDAAN | ONLINE COVID-19 RISK ASSESSMENT TOOL

Aug 2020 - Present

- Developed an online COVID-19 risk assessment tool
- Two parts: Risk assessment, Chest XRay analysis.
- Analysis done using machine learning models.
- Deployed these models using Django framework, Python, HTML, CSS.
- Accuracy of >98%

CYBER ABUSE REVELATION ENGINE | CARE, SIH REGIONALS

Feb 2020

- Built an engine that would crawl the surface web, search for child abuse, women abuse, cyber bullying and pornography.
- The implementation included use of Information retrieval, Machine learning and Natural language processing.
- Ranked 3/45 in Smart India Hackthon Finals

ACHIEVEMENTS

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|------|------------|--------------------------------------|
| 2020 | 32 / 16299 | TCS Codevita Season 9 Pre-Qualifiers |
| 2020 | 3/45 | Smart India Hackathon finals |
| 2019 | 46/106 | ACM ICPC Kanpur Regionals |
| 2019 | 179/4441 | ACM ICPC Online Round |