

Aryan Ranjan

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LINKS

Github://justary27
LinkedIn://aryan-ranjan27

SKILLS

LANGUAGES

Dart • Python • Java • C++
JavaScript • TypeScript • HTML
CSS • Sass • Julia

SOFTWARE PACKAGES

Flutter • React • AWS • Azure
GCP • Terraform • Firebase
Django • MATLAB • Git

TECHNOLOGIES

Frontend Development • Backend
Development • Mobile Development

EDUCATION

IIT ROORKEE

BACHELOR OF TECHNOLOGY

Expected 2024
CGPA: 8.102

DMA

SENIOR SECONDARY CERTIFICATE

Grad. 2020
Percentage: 94.6%

DMA

HIGHER SECONDARY CERTIFICATE

Grad. 2018
Percentage: 97.4%

ACHIEVEMENTS

JEE Advance AIR 3792 | 2020
JEE Mains AIR 1859 | 2020
NSEP, NSEC, NSEA | 2020
NTSE Scholar | 2018

COURSEWORK

UNDERGRADUATE (MINOR)

CSC 102 Data Structures
CSN 106 Discrete Structures
CSN 221 Computer Architecture &
Microprocessors
CSN 341 Computer Networks
CSN 232 Operating Systems

EXPERIENCE

CLOUDEFENSE.AI | CLOUD SECURITY RESEARCH INTERN

Dec 2023 - Present | Remote

- Implemented end-to-end unit test module for various modules of the ACS platform from scratch.
- Made 70+ commits and added 10000+ lines of code.
- Leveraged Docker and Python, and provisioned various cloud services on AWS and Azure using Terraform..

AMAZON | SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2023 - Jul 2023 | Bengaluru, India

- Developed and deployed a staging website for campaign previews on the Market Landing Page..
- Achieved a 2% reduction in customer impact on the MLP page.
- Utilized AWS (CDK, CloudFormation CloudFront, Lambda and S3), Java, React, TypeScript and Sass.

GOOGLE SUMMER OF CODE 2022 (OWASP) | CONTRIBUTOR

May 2022 - Sep 2022 | Remote

- Engineered UI and revamped the BLT mobile app, a reward-based bug-logging tool, and developed backend APIs.
- Closed 36 issues in 12 pull requests and also received a **certificate of appreciation** from the project mentor.
- Leveraged Flutter, Django and Django Rest Framework.

PROJECTS

NOTICEBOARD | IMG, IIT ROORKEE

Revamped the official Noticeboard mobile app of IIT Roorkee and launched it in the App Store and Play Store. The app has a base of **10000+ active users**.

PLACEMENT ONLINE | IMG, IIT ROORKEE

Deployed the official Placement and Internship portal of IIT Roorkee on the App Store, achieving an active user base of 2000 users during the placement and internship season.

COVBOT | FROSTHACK, IIT MANDI

Led Team InCognitoS, which developed a Covid resource discord bot used in the discord community Covid Fighrers (INDIA)" with a user base of **10000+ users** during 2nd wave of the pandemic.

LEADERSHIP AND EXTRA-CURRICULARS

MENTOR (OWASP) | GOOGLE SUMMER OF CODE 2023

Jan 2023 - Nov 2023

Mentored contributors in the BLT project towards project completion in the stipulated time. Guided the contributors to close 64+ issues, reviewed 30+ pull requests. Increased community engagement.

CHIEF OF MOBILE DEV & OPEN SOURCE | IMG, IIT ROORKEE

Mar 2022 - Present

Led the development and maintenance of mobile apps for the institute populace, cultivated an open-source culture in the club with 50+ members and also mentored several juniors on their projects.