

Aryan Ranjan

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LINKS

Github:// [justary27](#)
Linkedln:// [aryan-ranjan27](#)

SKILLS

DOMAINS

AI Security • Prompt Engineering
Full Stack Development • Mobile Development

LANGUAGES

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

FRAMEWORKS & LIBRARIES

React • Flutter • Django • Flask •
MCP • DSPy

CLOUD & DEVOPS

AWS • Azure • GCP • Terraform
Firebase • Supabase • Docker

EDUCATION

IIT ROORKEE

BACHELOR OF TECHNOLOGY
Grad. 2024
CGPA: 8.102

Relevant Coursework

Data Structures • Discrete Structures
Computer Architecture &
Microprocessors • Computer
Networks • Operating Systems

LEADERSHIP

MENTOR (OWASP)

GOOGLE SUMMER OF CODE 2023
Jan 2023 – Nov 2023

CHIEF OF MOBILE DEV & OPEN SOURCE

IMG, IIT ROORKEE
Mar 2022 – Apr 2024

ACHIEVEMENTS

JEE (Advanced) AIR 3792 | 2020
JEE (Mains) AIR 1859 | 2020
NSEP, NSEC, NSEA | 2020
NTSE Scholar | 2018

ABOUT

Result oriented software engineer with expertise in full-stack development, and AI security. Experienced across early-stage startups and MNCs, delivering scalable and secure systems.

WORK EXPERIENCE

REPELLO AI | FOUNDING SOFTWARE DEVELOPMENT ENGINEER

Sep 2024 - Present | Bengaluru, India

- Worked with 5 team members on the AI Red Teaming product, **ARTEMIS**. Contributed **70%** by implementing a re-design, shipping several features like Cloud and JIRA integrations, Custom prompt run, Scan Report PDF generation and SSO Login
- Added several attacks and compliance frameworks such as **OWASP, MITRE, & NIST** to the ARTEMIS engine. Also researched, enhanced performance and architectural improvements, improving ASR by **65-70%**
- Developed a client SDK and CI/CD integrations for ARTEMIS, a **security scanner for MCP** clients connecting to MCP servers
- Built **AgentWiz**, an open-source tool for extracting agentic workflows and performing threat assessment for Agentic AI apps. (**200+ stars**)

CLOUDDEFENSE.AI | CLOUD SECURITY RESEARCH INTERN

Dec 2023 - Jun 2024 | Remote

- Implemented end-to-end unit test module for various modules of the **Adaptive Cloud Security platform** from scratch
- Reduced test execution costs by **90%** by minimizing infrastructure runtime

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% (12,00,000+ users)** reduction in customer impact on the MLP page

GOOGLE SUMMER OF CODE 2022 (OWASP) | CONTRIBUTOR

May 2022 – Sep 2022 | Remote

- Designed UI and revamped the **BLT mobile app**, a reward-based bug-logging tool, and engineered backend APIs
- Closed 36 issues in 12 pull requests and also received a **certificate of appreciation** from the project mentor

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**

COVBOT | FROSTHACK, IIT MANDI

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