

ARKA PRAMANIK

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Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science (2020 – 2024)

Tamil Nadu, India

CGPA: **8.95/10.0**

St. Stephen's School

Class XII (2020)

Class X (2018)

West Bengal, India

Aggregate: **96.5%**

Aggregate: **89.6%**

Experience

Hewlett Packard Enterprise

HPE CTY Summer Intern

Jan 2023 – June 2023

Bangalore, Karnataka

- Developed a **centralized** security dashboard for monitoring the security aspects of **Kubernetes**.
- Implemented an **exporter service** to export the security metrics to Grafana.
- Technologies Learnt:** Kubernetes, Kube Bench, Trivy-Operator, Prometheus, Helm, Grafana, Node JS

Arrow OS

Device Maintainer

Feb 2021 – August 2022

Remote

- Working on supporting the **Asus Max M2** (SDM632 Platform) for Android 12.
- Improved overall user experience by working on device side semantics and performance improvements.
- Technologies Learnt:** Linux, Bash, C++, Makefile, Git, Microsoft Azure

Projects

HPC Security Dashboard | *Kubernetes, Kube Bench, Trivy, Helm, Grafana, Node JS* |

January 2023

- Developed a **centralized** security dashboard for the precise representation of **Kubernetes** security metrics.
- Implemented a **Helm chart** and automated installation script for exporter service, improving deployment efficiency and metric export.
- Provides **detailed remediation steps** for various tests, enabling efficient resolution of security vulnerabilities and ensuring compliance with best practices.

Personal Portfolio | *React JS, HTML, CSS, Javascript, Git* |

December 2022






- A **dynamic** personal portfolio website showcasing professional achievements, skills, and projects using modern web technologies.
- Implemented **responsive design**, interactive components, and optimized performance to provide a seamless and engaging browsing experience for visitors.

Online Tuition Management System | *Django, SQLite3 Bootstrap, Selenium, Python, HTML, CSS* |

July 2022

- A web app that helps the student and teachers to **find, manage and organize** local tuition centers.
- This allows tuition teachers to upload marks, attendance and course materials and allows students to access them in their tuition center portals. It also allows parents to keep track of their children's performance.

Achievements

- Selected as **top 200** from India for **Amazon ML Summer School Program** 
- Secured **AIR 1403** in **Google Hash Code'21** with my team **NoobsAssemble**. 
- Competitive Coding handles: **Codeforces : (AP_XD) - 1231 (Pupil), Leetcode : (Arka_2910)**
- Selected to be a part of **GirlScript Summer of Code '22**
- Microsoft Certified: Azure Fundamentals** 
- Selected as **top 25** from the university for **HPE CTY Program – Jan 2023** and received a summer internship offer from the program. 
- Secured **96.67 %ile (AIR 36503)** in JEE Main 2020 among 1.174M participants. 

Technical Skills

Skills : Competitive Coding, CS Fundamentals, Devops, Web Development

Languages: C/C++, Python, SQL

Web Technologies: React JS, NodeJS, JavaScript, HTML/CSS