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EXPERIENCE

GOOGLE INDIA | SOFTWARE ENGINEER INTERN

📅 May 2022 – Present | Remote

- Created a service to compare two states of tree-like hierarchies and switch between them
- Optimized the algorithm to work for over **one million** entities in the database considering hierarchy inheritance constraints
- Ensured **90%+ code coverage** by writing unit and integration tests
- **Technologies used:** Java, Google Spanner, Guice, SQL

PINGSafe | SOFTWARE ENGINEER INTERN

📅 July 2021 – April 2022 | Remote

- Created **new CSPM checks** to report security misconfigurations in the cloud infrastructure using AWS SDK
- Tested existing plugins covering critical CVEs and reported edge cases to avoid failure
- Researched on various **security vulnerabilities in the AWS, GCP, Azure cloud** and insecure directory traversals
- **Technologies used:** Node.js, AWS SDK, GCP, Azure Portal

NEOLAMA | SOFTWARE ENGINEER INTERN

📅 June 2021 – August 2021 | Remote

- Developed and maintained **Full-Stack** online journaling application built on Ruby on Rails and React.js
- Added new features and **minimized the API calls by 75%**
- Created unit tests for both Frontend and Backend and integrated them with **Github Actions**
- **Technologies used:** Rails, React.js, Heroku, MySQL

PROJECTS

SECURICASH | GITHUB

January 2021 | Node.js, React.js, MongoDB, AWS SDK

- Developed a web-portal to identify **critical security misconfigurations**, resulting in data breaches or high severity exploits in the AWS Cloud Infrastructure
- The checks identified public, unencrypted S3 buckets and insecure Security Groups in real-time.
- Mapped the checks with PCI and RBI compliances for security completeness

SHARITY | GITHUB | LIVE

January 2022 | Node.js, React.js, MongoDB, Cloudinary

- Designed a website to provide a platform to donate used and discarded winter-wears
- Implemented the **backend for users to add clothes by uploading images** using Cloudinary images API
- Created the flow so that all the transactions took place through email removing unwanted interference using **Nodemailer**
- The UI was made using 3D React-Library **Globe.js** for an interactive experience

EDUCATION

IIIT GWALIOR

INTEGRATED B.TECH+M.TECH
INFORMATION TECHNOLOGY

📅 2019-2024

CGPA: 7.91 / 10.0

CENTRAL ACADEMY

INTERMEDIATE CBSE BOARD

📅 2018-2019 | Kota

Percentage: 93.8%

SKILLS

Programming

• C/C++ • JavaScript • SQL

Web Development

• HTML/CSS • Node.js • Express.js •
React.js • Rails • Jest • RSpecs • AWS
SDK • Azure • Docker

Databases

• MySQL • MongoDB

Tools

• Git • Linux • Markdown • Latex

ACHIEVEMENTS

- Secured **77th position** among 10000+ teams, in Google HashCode'22.
- Secured **89th position** among 4500+ participants in Codechef November Lunchtime
- Secured **814th position** among more than 6000 participants in Google Codejam I/O 2021
- **National Finalists** of the Smart India Hackathon (SIH) 2022.
- Overall **Winner** of the Diamond Hacks (organized by NCU) among 170+ participants
- **Winner** of SheCanSTEM Hackathon among 100+ participants

POSITIONS OF

RESPONSIBILITY

- Organizer and **Problem Setter** of C++ workshops teaching almost 200 students
- **Mentored** teams for Webkriati- a month long Website building competition
- Member of communities- **Women Who Code- Delhi** and **Codess.Cafe**