

Vivian Roshan A

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Engineering graduate with a passion for software development. Proficient in Java, Dotnet(C#), C++, Python, SQL, NoSQL, Shell scripting and Web technologies. And a strong interest towards problem-solving

Education

National Institute of Technology (NIT), Puducherry

2017 - 2021

- Bachelor of Technology in Electronics and Communication Engineering

CGPA - 7.59/10

Professional Experience

Member Technical Staff, Zoho - Manage Engine OpManager

Jan 2021 - Jul 2023

OpManager is a network management and monitoring software offered by Zoho

- Server side Development with **Java**.
- Added **new feature LAMA** (Log Analytics and Monitoring Application) to send data to **SEBI** (Securities and Exchange Board of India) which opened the OpManager to the **Fin-Tech** space.
- Made the Central - Probe communication in the **Distributed** Edition **fault tolerant** for several modules making the product more stable.
- Reworked the public demo site of OpManager making it more **responsive** there by making it easy for the customers to have a feel of product.
- Automated the deployment process for the QAs with **PowerShell** and **Bash** scripts to make the testing process easy.
- Fixed **50+ bugs** encountered by customer and handled over **200+ support tickets** which needed developer assistance.

Software Engineer, Mindtree

Jun 2021 - Jan 2022

- Full Stack Web Development with **Dotnet** and **Angular**.
- Worked on developing and maintaining an inventory management website for **Dell**.

Intern, Lenovo

May 2019

- Designed and developed an application to track the stage of assembly of each computer by Studying the assembly line of computers and how OS is bootstrapped into the computers from the servers.

Projects Undertaken

- Version-controlled Resume**, Markdown-based with CSS formatting and can be converted to pdf offers enhanced readability and is easy to maintain.

At NIT - Puducherry during undergraduate studies

- Image generation and Enhancement using **GAN** - Generative Adversarial Network (Machine Learning).
- Enabling the differently-abled Through Morse code (using **Arduino** and **Proteus simulation**).
- Data Compression, Encryption, and Decryption using **Python**.

At Mindtree Ltd - A Larsen & Toubro Group Company

- Model Book Store using **Dotnet**, **MSSQL**, and **Angular**.

Academic Accomplishments

- Medalist at School and State level in International Mathematics Olympiad (**IMO**) & National Cyber Olympiad (**NCO**).
- Qualified Graduate Aptitude Test in Engineering (GATE)** 2021 - 2022
An examination for admission in Master's Program and jobs in Public Sector Companies in India.

2022 Computer Science	Score - 350/900	All India Rank - 9894 out of 80K (approx).
2021 Electronic Communication	Score - 360/900	All India Rank - 7965 out of 80K (approx).

Technical Skills

- Web development: HTML, CSS, JavaScript, Angular
- Languages: Java, Dotnet(C#), Python, C++, SQL, NoSQL, Bash script, PowerShell script
- Version Control: Mercurial(Hg), Git
- Tools: Office Suites, Vim, IntelliJ Idea