

# Akkammagari Lasya

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Email LinkedIn Github

## Education



### Indian Institute of Technology(ISM),Dhanbad

Bachelor of Technology in Electronics and Communication Engineering (CGPA: 7.32)

Jharkhand

Dec 2021-Present

- **Relevant Coursework:** Computer Programming, Data Structures and Algorithms, Prob & Statistics, Blockchain Technologies, Digital Image Processing, Computer Networks.

### Sri Chaitanya Junior College

MPC, AP Board (Percentage: 98%)

Vijayawada

Apr 2019-Mar 2021

## Experience

### Microsoft

Software Engineer Intern- Certificate

May 2024 - July 2024

Bangalore,Karnataka

- Worked on supporting the managed version of the NSP data plane library and the validation/testing through extensive unit tests and Devbox Verification Tests, has contributed to the robustness and reliability of the project.
- Successfully implemented VNet ACL based access rule evaluation in the NSP data plane managed library, which provides secure access to PaaS resources without opening access to external networks. This allows seamless migration path for customers, enhancing the security and efficiency of the service.
- Modified NSP control plane code, Mock RP contract and gRPC managed service. This was an extended scope of work.
- **Tech Stack:** C#,C++.

## Projects

### Car Rental System / ReactJS, NodeJS ,ExpressJS, PostgreSQL

- Within this application, authenticated users possess the capability to both rent vehicles and subsequently return them.
- Administrators have database control, overseeing tasks like maintenance and user transactions. They have the ability to retrieve detailed information about the rental statistics and utilization status of each car.

### Blogspot / ReactJS, NodeJS, ExpressJS, PostgreSQL

- Built a responsive blogging site where users can create blogs and can share with the public.
- Nodemailer and JSON web tokens were used to implement authentication and password reset emails from scratch.

## Technical Skills

**Programming Languages:** C, C++, C#

**Web Development:** HTML, CSS, ReactJS, NodeJS, ExpressJS

**Concepts:** Data Structures, Object Oriented Programming, Computer Networks, Operating Systems.

**Tools:** Git, Postman.

## Soft Skills

- Communication
- Problem solving

## Achievements

- Secured AIR 11037 rank in JEE Advanced 2021.
- Achieved top 1% ranking in IAPT examination.
- Cleared round 2 of RMO, Mathematics Olympiad. Qualified for Round 3 of AMTI, National Level Mathematics Olympiad.
- Solved 300+ questions on LeetCode.
- Certified in Web Development by Udemy - Certificate

## Social Engagements

- Active member and volunteer in Kartavya, an NGO run by students of IIT Dhanbad.
- Volunteer- Concetto'22(Annual Tech Fest).
- Extracurriculars include badminton, swimming and dancing.