

THULUNGA BASUMATARY (SDE)

Dedicated Full Stack Developer with expertise in front-end development using Angular framework. Proven track record of optimizing code quality, leading projects, and providing mentorship. Recognized for contributions to shared components and significant improvements in UI performance.

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<https://github.com/Thulunga>

<https://www.linkedin.com/in/thulunga--inspire>

https://www.hackerrank.com/profile/thulunga_tb

Education

National Institute of Technology Calicut

Bachelor of Technology in Computer Science and Engineering

June 2022

Experience

SOTI

August 2022 – Present

Software Development Engineer

Gurugram, India

- Spearheaded front-end development initiatives using the Angular framework, contributing to the delivery of high-quality software solutions.
- Improved UI performance significantly by optimizing code and implementing performance-related enhancements, reducing loading time for more than 10k records from 10-15 seconds to 500 milliseconds.
- Developed and maintained shared components used by multiple projects within SOTI, streamlining development processes and ensuring consistency across applications.
- Led demo UI project for MobiControl's (SOTI Product) shared components, enabling easier reference for all team members, and reducing code redundancy.
- Corrected and optimized more than 100 unit test files, significantly enhancing code quality and reliability across the company's projects.
- Led multiple epics, demonstrating strong leadership, project management skills, and a commitment to delivering results.
- Attained review rights within a year of joining as a fresher, showcasing rapid professional growth and expertise in software development practices.
- Provided invaluable mentorship and support to new team members, fostering a collaborative and supportive work environment.
- Received 9 recognitions for exceptional work, including the "You Rock" award, highlighting dedication and contributions to the team.

Projects

Adaptive Traffic Signal Control | Convolution Neural Network

June 2021 - April 2022

- Adaptive Traffic signal Control using dynamic priority-based scheduling with SUMO (Convolution Neural Network)
- Published – **ICPCSN045**
- Guided by Dr. Prabu M, Contact- +91 9994058168

Covid-19 Tracker

- Covid-19 live tracking using API from Open Disease Data <https://disease.sh>
- <https://covid-19-tracker-8d313.web.app/>

Certificates

- **Software Engineer Certificate:** <https://www.hackerrank.com/certificates/00cf7bef0e0b>
- **Software Engineer Intern Certificate:** <https://www.hackerrank.com/certificates/7de7308b9a57>
- **Legacy JavaScript Algorithms and Data Structures:** <https://www.freecodecamp.org/certification/thulunga/javascript-algorithms-and-data-structures>
- **Python (Basic) Certificate:** <https://www.hackerrank.com/certificates/65b67f66e513>
- **SQL (Basic) Certificate:** <https://www.hackerrank.com/certificates/3b434c57c4d1>

Skills/Technical Skills

Language: JavaScript, Typescript, Python, C, HTML/CSS.

Developer Tools: Visual Studio Code, Android Studio, Chrome Developer Tools (Inspect Element).

Technologies/Frameworks: Angular - Angular 17, GitHub, React JS.

Project Management, Unit Testing and Test Automation, Leadership and Team Collaboration.

Leadership / Extracurricular

School Captain (Jawahar Navodaya Vidyalaya Baksa Assam)

- Orchestrated the seamless functioning of our school, ensuring its excellence and reputation as a model institution in the district.
- Directed a team of House Captains, Sports captains, and Mess captains, fostering collaboration and synergy among diverse leadership roles.
- Spearheaded the organization and execution of our annual Sports.