

# Thanush BD

## CONTACT

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🌐 Thanush BD

## SUMMARY

- Dedicated Software Developer with a solid foundation in computer science and hands-on internship experience.
- Proficient in Python, Java, and familiar with various other programming languages, databases, and cloud platforms.
- Passionate about developing efficient solutions and eager to contribute effectively to software development while continuously learning.

## SKILLS

- **Programming Languages:** Python, Tkinter, Django, Java, C, C++
- **Web Technologies:** JavaScript, HTML, CSS, Angular
- **Cloud Computing:** AWS, Azure, Heroku
- **Databases:** MySQL, PostgreSQL, MongoDB, NoSQL Databases
- Scrum Framework, Object-Oriented Programming
- Data Structures and Algorithms, Machine Learning, Deep Learning, Artificial Intelligence, Docker
- Linux, RHEL
- Excel, MS Office, MS PowerPoint
- **IDEs:** PyCharm, VSCode, Eclipse, Google Colab, Google Spread Sheets

## EDUCATION

**Bachelor in Engineering: Computer Science & Engineering** 08/2024  
Malnad College Of Engineering CGPA: 7.0

**Intermediate: PCMB** 05/2020  
Karkala Jnanasudha PU College  
Percentage: 93%

**Matriculation** 04/2018  
Sacred Heart English Medium School  
Percentage: 88.8%

## LANGUAGES

- English
- Kannada
- Hindi

## EXPERIENCE

**L&T Precision Engineering and Systems - Intern** 02/2024 – Present  
Bengaluru, India

- Developing web-based and GUI-based applications for client-server communication using Modbus TCP/IP.
- Collected readings from a chemical agent detector and displayed data in a GUI.
- Currently developing a Project Management System using Angular.

**Inventron Technologies - Intern**  
08/2022 - 09/2022  
Bengaluru, India

- Gained hands-on experience in various areas of the company's operations. Worked on a heart disease prediction project and expanded knowledge of tools such as pandas, NumPy, and PyTorch.

## PROJECTS

### • The Coorg Merchandise

An e-commerce website for managing employee and customer details, product information, and orders details. Aimed to automate work processes by eliminating middleman involvement and providing a user-friendly platform for transactions.

### • Smart Surveillance System in Construction Sites

An automated system to monitor safety precautions on construction sites by detecting hard hats and safety vest usage to ensure workers' safety.

### • Laser-based Perimeter Fencing to Reduce Human-Elephant Conflict

An automated laser-based fencing system with sensor technology to detect elephants and reduce conflicts. Developed an application to update data to Firebase and send notifications with a map view using Google Maps.

## CERTIFICATES

- "Machine Learning", by Inventron Technologies
- "Google Data Analytics", by Google
- "Cloud Computing", organized by Malnad College of Engineering
- "Ethical Hacking", organized by Malnad College of Engineering