

# Bestin B Thomas

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

METALLURGICAL AND MATERIALS

#### Minor in Computer Science

Expected May 2022

Cum. GPA: 8.17

### KENDRIYA VIDYALAYA, NAD ALUVA AISSCE

Graduated March, 2018

Grade 12: 93.8%

Grade 10: 10 CGPA

## LINKS

LinkedIn: [bestinbthomas](#)

Github: [bestinbthomas](#)

## COURSEWORK

### UNDERGRADUATE

- Basics to Programming
- Data Structures and Algorithms

## SKILLS

### PROGRAMMING LANGUAGES

- Java • JavaScript • C ++ • C • Kotlin
- TypeScript • Python

### TOOLS, FRAMEWORKS AND DATABASES

- Android Studio • ReactJS • NodeJS
- Express • CMake • Docker
- PostgreSQL • MongoDB • Django
- JMeter • Ethereum • Solidity

## EXTRACURRICULAR

### TECHNICAL COUNCIL

#### Deputy Manager

Undertakes campus development projects and keeps an eye out for programmes and initiatives for the welfare of the students.

### QUALITY MANAGER

#### Festember

Handle the fest's registrations, reports and feedback with a focus on achieving awards, certifications and trademarks.

### NATIONAL SERVICE SCHEME

#### Volunteer

Celebrated **The Joy of Giving Week** by visiting **Theresa Karunalayam**, an Orphanage in Thanjavur District.

## EXPERIENCE

### GMETRI | FULLSTACK DEVELOPER

Apr 2020 - June 2020 | gmetri.com

- Developed **API's** along with **UI** and **database** changes to add numerous features to the platform and optimised several existing ones with performance gains of up to 30%.
- stacks used: **NodeJS**, **Hapi**, **ReactJS**, **PostgreSQL**, **Express**.
- Ideated on **file manager** layer that interfaces with S3 bucket to provide faster navigation through the uploaded assets by the users.
- Developed a tool using **Apache JMeter** to load test the API's and find the limits of the API layer and DB layer under various kinds of load.

### DELTA FORCE | SOFTWARE DEVELOPER

Jul 2019 - Present | delta.nitt.edu

- The official programming club of NIT Trichy, which handles most of the **web** and **app development** for various activities and festivals in the campus.
- Conducted workshop on **Data Structures** and **Algorithms** for first-year students and took classes on **Dynamic programming** and **Bit manipulation**.
- Conducted Delta Winter of Code (**DWoC**) with the aim to support and improve the culture of **open-source** software and allows students from all backgrounds to contribute to quality technical projects from diverse fields.

## PROJECTS

### 2K MARKET | DEC 2019

- Developed webapp for 2K supermarket (the supermarket in NIT Trichy) to keep track of the items, suppliers, and the invoices using **ReactJS** for frontend and **Django** for backend.
- It also verifies the margin stated in the invoices against the agreed margin.

### FESTEMBER'19 | OCT 2019 | GOOGLE PLAY

- Developed the official app for **Festember'19** that helped visiting students navigate their way through the four days of the cultural extravaganza. This included personal messenger, game, map of the campus and feedback portal which reached over **5000 downloads** on the **Google play**.
- Built Feedback collection Android app for events and workshops in the fest.

### ETHER AUTH | DEC 2019 | PRAGYAN HACKATHON

- **Ethereum** powered document **signing** and **validation** platform for organisations and offices aiming towards a paperless office.
- **Blockchain** is used to store the document hashes and signatures.
- Uses **NodeJs** as a central backend for efficient and quick access and uses the blockchain as a fallback.