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 • Etherium • Solidity

EXTRA CURRICULARS

TECHNICAL COUNCIL

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

QUALITY MANAGER

Festember
Handle registrations, documentation, reports, 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 programmng** and **Bit manipulation**.
- Conducted Delta Winter of Code (**DWoC**) with 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 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 **validating** platform for organisations and offices aiming towards a paperless office.
- **Blockchain** is used to store document hashes and signatures.
- It also uses **NodeJs** as a central backend for efficient and quick access and uses the blockchain as a fallback.