

Abhishek Tangod

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EDUCATION

RAMAIAH INSTITUTE OF TECHNOLOGY

B.E. COMPUTER SCIENCE AND ENGINEERING

Aug '18 - June '22 | Bangalore, India
CGPA: 9.12 / 10

V. P. HANCHINMANI PU COLLEGE

PCMB

July '16 - June '18 | Dharwad, India
Percentage: 94.17%

LINKS

Portfolio:// abhishekvtagod.github.io

Github:// [abhishekvtagod](https://github.com/abhishekvtagod)

Stopstalk:// abhishekvtagod

ICPC-ID:// abhishekvtagod

Linkedin:// abhishekvtagod

COURSEWORK

UNDERGRADUATE

Design and Analysis of Algorithms

Data Structures

Object Oriented Programming

Database Systems

Operating Systems

Computer Networks

Artificial intelligence

Number Theory

Project Management

SKILLS

PROGRAMMING

Experienced:

- C/C++ • Java

Intermediate:

- JavaScript
- MySQL • MongoDB

Familiar:

- J2EE • JDBC
- NodeJS • React
- Redux • Context API
- HTML • CSS
- Firebase
- Python • Flask
- Git • Docker

EXPERIENCE

SAMSUNG PRISM STUDENT RESEARCH LAB | RESEARCH INTERN

Sept 2020 - March 2021 | SRI - Bangalore, India

- Thermal based CPU controllers and power optimization.
- Developing a Device driver which can interact with OS (Linux/Android), control CPU clocks for various clusters and control system resources for resource-intensive applications.
- Algorithm to determine suitable CPU clock values based on available thermal budget at any given instance.

PROJECTS

BOOKSHELF | ONLINE BOOKSTORE

- Web-based multi-tiered application to enable customers order books online with necessary CRUD functionalities, dynamic cart, payment gateway and user authentication.
- **Tech Stack:** React, Redux, MongoDB, NodeJS, Express.

MFLUX | WAREHOUSE STOCK MANAGEMENT SYSTEM

- Java API to efficiently query complex database that has information about all the warehouses.
- Relational Database System that handles all Database transactions.
- **Tech Stack:** J2EE, JDBC, RDBMS (MYSQL)

DOT ENGINE | A COMPILER API

- Docker based sandbox to run the code in an isolated environment and return the output for supported languages, avoiding the possible damage to the server.
- Separate Docker container for each API request.

PENN | BLOGS

- A dynamic web app to share blogs with necessary CRUD functionalities and user authentication.
- **Tech Stack:** HTML, CSS, MongoDB, Express, NodeJS

ACHIEVEMENTS

Aug 2021 Regionals Represented MSRIT at ACM ICPC Amritapuri and Gwalior-Pune Regionals

Aug 2019 Runner Up Hindustan Unilever - BFS Hackathon, Bangalore (Sales Beat Optimisation)

VOLUNTEERING

CODERIT | CORE MEMBER AND PROBLEM SETTER

Aug 2020 - Present

Curated algorithmic problems for coding contests with written editorials having over 200 sign ups and conducted various technical workshops.

GOOGLE DEVELOPER STUDENT CLUB RIT | CORE MEMBER

Jan 2019 - July 2020

Student Facilitator for various workshops on Web Development and Machine Learning.