

Vilas M

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EDUCATION

National Institute of Technology, Karnataka, Surathkal, Mangalore, India

- B.Tech in Computer Science and Engineering Jul 2015 – May 2019
 - CGPA of **9.58/10.00** (January 2017)
 - Relevant Courses: Data Structures and Algorithms, Theory of Computation and Automata, Computer Organisation and Architecture

Lourdes Central School, Mangalore, India (CBSE)

- Class 12 - **97.40 %** , Scored **100/100** in Mathematics

Canara High School (Main), Mangalore, India (Karnataka State Board)

- Class 10 - **95.52 %**
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TECHNICAL SKILLS

Languages - C, C++, Erlang, Python, Javascript, HTML, CSS

DBMS - SQL, MongoDB

Tools/Framework - Git, Node.js, AngularJS, STL

PROJECTS

- **E-Commerce Website** - Developed an E-Commerce Website using MEAN (MongoDB, Express, AngularJS and Node.js). The item details were scraped from Amazon using the lxml tool in Python. The website supports features such as search, log in sessions and user cart.
 - **Periodic Table Management** - Developed an object oriented C++ application that maintains elements of the periodic table in a file. Implemented element insertion, modification and search using file handling functions in C++.
 - **Chat Server (On-Going)** - Developed a Chat Server using Erlang, a functional programming language. Chat Client to be implemented in C++ using Qt and Socket Programming. Multiple users can connect to the server, send personal/group messages.
 - **Age and Gender Classification (On-Going)** - A Deep Learning Project that classifies the age and gender of a person, given the face image as input using CNNs (Convolutional Neural Networks) and the Caffe Deep Learning Framework.
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ACHIEVEMENTS

- Ranked **2nd** in India and **214th** globally in **IEEE Xtreme10.0** , a 24 hour global coding contest.
 - Ranked **380** in the country in **JEE Main 2015** among 1.3 million candidates
 - One among the **top 30** in the state in the **Regional Maths Olympiad**
 - Awarded as a **KVPY** and **NTSE** scholar.
 - Awarded Merit Certificates for being among **top 1%** in the country in Physics, Chemistry and Astronomy Olympiads 2015
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EXTRA CURRICULAR ACTIVITIES

- **Executive Member**, IEEE, NITK Chapter
- **Executive Member**, Web Enthusiasts' Club, NITK