



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2019	B.TECH	IIT Kharagpur	6.39 / 10
2015	AISSCE	Jawahar Navodaya Vidyalaya, Kottayam, Kerala	92.20%
2013	AISSE	Jawahar Navodaya Vidyalaya, Mayurbhanj, Odisha	10 / 10

SKILLS AND EXPERTISE

Proficient : C, C++, Java, MySQL **Familiar** : Python, HTML, PHP, JavaScript, XML, CSS, Verilog, MIPS Assembly Language
IDE/Tools : Android Studio, NetBeans, Eclipse, Git **Operating Systems**: Windows, Linux/Unix

COURSEWORK INFORMATION

Relevant Courses Taken

• Software Engineering • Programming and Data Structures • Object Oriented Systems Design • Algorithms - I and II • Operating Systems
• Data Analytics • Machine Learning • Intelligent Game Design • Computer Networks • Database Management Systems • Formal Language and Automata Theory • Compilers

INTERNSHIPS

Manju Helpingcart Private Ltd.

Android Development Internship (10th May 2018 - 12th July 2018)

Primarily focused on designing layouts to improve user experience in android application. Understanding the connectivity with database. Also real time asset tracking was implemented using LocationManager service of Android

PROJECTS

Carpooling (B. Tech Project)

B. Tech Project under Prof. Somindu Chaya Ramana, 2018-2019

- Developed an android based application to ease transportation for people having similar travel needs.
- A person with same destination goals as others can publish ride and people can choose the ride.

Online Social Network System

Term Project under Prof. S.Mishra, Software laboratory, Spring 2017

Developed Social Network System using Java that allows multiple users to interact online and see each other's status and hence widening their social circle.

Tool used : Netbeans

Reliable UDP Server & Peer-to-Peer Chat Application

- Implemented a reliable UDP server (for faster, in-order & reliable data transfer), by applying Slow-Start Congestion Control Algo over Sliding Window ARQ Protocol over UDP.
- Developed a P2P chat application with TCP as the underlying Transport Layer Primitive & also implemented Ping application using Raw Sockets and ICMP query messages.

MiniMatlab Compiler

Implemented a compiler –lexer, parser, machine-independent code-generator and target code-generator –for MiniMatlab (a subset of C) in C/C++ using flex and bison libraries

Linux Command Shell (C/C++)

Term Project under Prof. I.Sengupta, Operating Systems laboratory, Spring 2018

Developed a fully functional linux shell implemented in C++ which supports all basic and advance commands including internal commands, redirection and pipe commands. It has been implemented using inbuilt system calls like dup and execvp.

Online Bookstore

- Received scholarship of Academic Excellence by Dakshana Foundation, 2013 - 2015
- Awarded for outstanding performance (A1) in all five subjects in the All India Secondary School Examination with the CBSE merit certificate

TRAINING

Python Internshala VTC (Online)

Online Python Training (1st December 2016 - 12th January 2017)

Six weeks Online Python training and Certification at Internshala VTC in the field of Python Basics, Graphics in Python and Game Development. The course includes development of Pi snake game using Python Graphics

POSITIONS OF RESPONSIBILITY

Exam Coordinator

Exam Coordinator of NDST (Navodaya Dakshana Selection Test) and JDST (Joint Dakshana Selection Test) 2016 conducted by Dakshana Foundation. It is an organization providing world-class educational opportunities to economically and socially disadvantaged gifted children worldwide.

AWARDS AND ACHIEVEMENTS

- Received scholarship of Academic Excellence by Dakshana Foundation, 2013 - 2015
- Awarded for outstanding performance (A1) in all five subjects in the All India Secondary School Examination with the CBSE merit certificate

EXTRA CURRICULAR ACTIVITIES

- Worked as an NSS (National Service Scheme) volunteer for two years, helped poor people and taught English to the local children