



Arihant Sethia

Roll No. – 11010106

Bachelor of Technology

Computer Science & Engineering

Department of Computer Science & Engineering

Indian Institute of Technology Guwahati

+91-8011244745

s.arihant@iitg.ernet.in

arihantsethia07@gmail.com

arihantsethia.github.io

Degree	Institute	CGPA/%	Years
Bachelor of Technology	Indian Institute of Technology Guwahati	8.13/10	2011-Present
Senior Secondary	Vidya Mandir Sr. Sec School, Kota	82.3%	2011
Higher Secondary	Baldwin Boys' High School, Bangalore	93.6%	2009

EXPERIENCES

Software Development Intern, Amazon

May'14-July'14

Yogesh Golwalkar, Identity Services, Amazon

- Developed a new approval based multi-factor authentication to provide a more secure and user friendly experience than the current OTP based multi-factor authentication provided by Amazon.
- Developed an online portal for managers to track progress of projects as well as availability of developers in Identity Services Team.

Software Development Intern, HackerRank

May'13-July'13

Hari Shankaran, Co-Founder, HackerRank

- Developed a secure cross-platform browser to take online tests. Also, built the interface for creating and submitting UML and Electrical diagrams for tests.
- Built an internal admin panel for HackerRank administrators.

PROJECTS

De-Identification of Medical Records

Ongoing

Prof. Ashish Anand, Dept. of CSE

To design and develop a software suite to de-identify medical records taken from hospitals, using various NLP techniques for doing further research on medical data.

Relational Database Management System

Prof. Sanasam Ranbir Singh, Dept. of CSE

Developed a simple RDBMS which supported a subset of SQL queries. It supported select, insert, delete, update and nested conditional queries along with creation & deletion of indices, primary key & unique constraints over field(s).

Web Search Engine

Prof. Sanasam Ranbir Singh, Dept. of CSE

Developed a search engine over a dataset of 1.6 million webpages using various techniques of information retrieval.

Coding Portal for IIT Guwahati

Prof. P.K Das, Dept. of CSE

Developed an online portal where coding contests can be held by Coding Club of IIT Guwahati. This portal enabled users to code and submit solutions in multiple languages.

FTP Server & Client

Prof. S.K Nandi, Dept. of CSE

Implemented File Transfer Protocol (RFC 959) using C Stream Sockets Library.

Gymkhana Automation Portal

Website Development Contest, Kriti'13

Developed an online portal to automate the approval process for event and venue reservation in IIT Guwahati. This project was build using JSP and MySQL.

SilentZio

Google Developer Group Hack-a-thon

Developed an android application to manage calls of the user according to his/her calendar events. I contributed to this project by designing and developing the UI, core logic, and managing user data.

TECHNICAL PROFICIENCY

- Programming Languages: C, C++, Java, Python, Haskell
- Scripting Languages: JavaScript, PHP, JSP
- Markup Languages: HTML, LATEX
- Software Packages: Eclipse, Visual Studio, Qt SDK
- Operating System: Windows, Linux

POSITIONS OF RESPONSIBILITY

Branch Representative, Dept. of Computer Science & Engineering

July'12 – April'13

Acted as point of interaction between students and faculties. Was also responsible for resolving batch related issues and organizing various departmental activities.

Technical Secretary, Barak Hostel

July'12 – April'13

Lead hostel in various technical competitions including Kriti'13 - Inter Hostel Technical Competition. Also, built and maintained hostel website.

ACHIEVEMENTS

- Ranked in **Top 0.3%** amongst 0.5 million aspirants in **IIT-JEE 2011**.
- Ranked in **Top 0.05%** amongst 1.5 million aspirants in **AIEEE 2011**.
- Shortlisted for **KVPY Fellowship 2010**.
- Ranked among **Top 5** teams in IIT Guwahati and among **Top 50** teams across India in **Code.fun.do** organized by **Microsoft**.
- **Winner** of Website Development Competition held in **Kriti'13 – Inter Hostel Technical Competition**.

(References available on request)