

## GOUTAM KUMAR

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Portfolio: <https://goutamkumar1.github.io/>

### OBJECTIVE

Willing to work in a challenging position with an organization where I can utilize my technical and interpersonal skills to serve the organization and enhance the same.

### TECHNICAL SKILLS

- **Languages** : C , C++ , Java, Python(Scripts)
- **Frameworks & Libraries**: Spring Boot, Spring MVC, Spring Batch, Pymongo, Pandas
- **Tools & Technologies**: MongoDB, PostgreSQL, AWS (SQS, SNS, Event Bridge, Lambda), Postman, Git, Oracle SQL Developer, MS SQL Server, Primavera P6, Package Warehouse, Jenkins.
- **Other Skills**: System design, RestAPI design, Microservices, OOPs, OS, Data Structures, Algorithms.

### WORK-EXPERIENCE

- **Member of Technical Staff 2 at BYJU'S.** **16-Sep-2022 - Present**
  - I am working in the Teacher-Tech-Horizontal team, which is responsible to build microservices to automate the process of student enrollment into batches/sub-batches, subscription creation, tutor allocation, classroom creation, etc.
  - I have independently designed (using optimal design patterns) and developed several modules like external API calls, batching, sub-batching, user subscriptions of Batching microservice built on SpringBoot framework.
  - Apart from the modules, I have designed and developed several business critical features like Subject Sequence Load Balancer, Batch Shuffling to achieve optimal tutor requirements.
  - Being one of the two senior devs, I have done code reviews vastly and provided the necessary feedback and assistance to my colleagues.
- **Software Engineer at Qualcomm India.** **16-Mar-2020 - 15-Sep-2022**
  - I was working as a backend developer in the modem team, which was responsible to build new features on 10 components of modem.
  - My role was to work on feature requests and change requests for enabling 5G on the second port for automotive and cellular software products. Code was mostly in C and C++ for different components such as WCDMA, LTE, NR5G, etc.
  - Additionally, I was responsible to generate a combined build of all 10 components in Jenkins and executing unit tests through Axiom. Was the best performer of the team for two consecutive appraisal cycles.
- **Applications Developer at Oracle India Pvt. Ltd.** **17-June-2019 - 13-Mar-2020**
  - I was working on the product P6 Professional, it is a famous project management tool available.
  - I was responsible for fixing dev bugs and coding new enhancements for P6. It used to support three DB variants, Standalone DB(SQLite), OracleDB, Microsoft SQL ServerDB (Cloudconnect variant too for later two). Code was mostly in Delphi and C# scripts were used for cloud connect.
- **Summer Intern at Tata-Steel ITS** **26-June-2018 - 26-July-2018**
  - Packaging and Inspection attribute responsive web portal was designed using PHP and MySQL.
- **Summer Internship on Institute Website Development(NIT Jamshedpur)** **23-May-2016 - 22-July-2016**
  - Developed the UI template (HTML, CSS(Bootstrap framework), JS) and backend of Faculty profile (PHP, MySQL).
  - Built an user friendly admin panel to support CRUD operations on notices and user status.

## PROJECTS

- **Amazon Review System Analysis**
  - Did Web Scrapping of Amazon Reviews (using python script) and stored in SQL DB for useful params.
  - Used ML regression technique to predict helpfulness of review. Used sklearn package to implement regression technique.
- **Website of Alumni Relations of NIT Jamshedpur**
  - Developed the UI and Alumni registration backend (complex relational database logic implemented).
  - Tech used: HTML, CSS(Materialize framework), PHP, MySQL
- **Store and Purchase Management System**
  - Developed the store and purchase management portal of Gymkhana(Student Activity Center) of NIT Jamshedpur. User friendly Admin portal was built to manage all users profiles.
  - Tech used: PHP, MySQL.
- **Data integration tool for Jamshedpur Police**
  - Built a parser tool using Python libraries for integration of data provided by various Telecom operators. Data mining was done and integrated from various data sets and converted into a common csv format.

## ACADEMIC DETAILS

- **Bachelor of Technology:** National Institute of Technology, Jamshedpur Aug 2015-May 2019  
CGPA: 8.80  
Stream: Computer Science and Engineering
- **Intermediate:** Chinmaya Vidyalaya, B.S.City May 2014  
percentage: 89.4%  
Board: CBSE
- **Matriculation:** Guru Gobind Singh Public School, B.S.City May 2012  
CGPA: 10.0  
Board: CBSE

## ACHIEVEMENTS

- Best Performer Award for two consecutive appraisal cycles at Qualcomm.
- Secured global rank | 5th (Vishwakarma Cup, Hackerearth) | 219th, 380th, 428th (Codechef contests)
- Codechef (5star) | Hackerrank (6star) | Hackerearth(Top 50) coder.
- Secured 11th rank in state, in Everonn Toppers coaching entrance examination (100% Scholarship).

## POSITION OF RESPONSIBILITIES

- Sports Secretary, Students' Council | Volleyball captain | NIT Jamshedpur.
- Executive Secretary, OJASS-The techno-management fest of NIT Jamshedpur.
- Sports and Discipline Incharge, Students' council of Chinmaya Vidyalaya during my senior secondary.
- Junior Head Boy of my school in Higher Secondary.

## EXTRA CURRICULAR ACTIVITIES / RECREATIONAL INTEREST

- Volleyball and Badminton player of Institute team | NIT Jamshedpur.
- Secured top 3 positions in different athletic events (4\*100relay, 200m, Long Jump) | Chinmaya Vidyalaya.
- Model at Team Invincibles( Fashion team of Nit Jamshedpur).
- Alumni Relations team member (NIT Jamshedpur) | Public Relations team member (Ojass NIT Jamshedpur).