

Goutam Kumar

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https://goutamkumar1.github.io

SKILLS

LANGUAGES

Java • C++ • C • Python (Scripting)

FRAMEWORKS & LIBRARIES

SpringBoot • SpringBatch • Resilience4j
• PyMongo • Pandas • Sklearn
• Bootstrap • Materialize • CSS

TOOLS & TECHNOLOGIES

Amazon AWS (S3, SQS, SNS, Lambda, EventBridge, Cloudwatch) • MongoDB
• PostgreSQL • Git • Oracle SQL Developer • MS SQL Server • Postman

EDUCATION

NIT JAMSHEDPUR

B.TECH IN COMPUTER SCIENCE

CGPA: 8.80/10

2019

CHINMAYA VIDYALAYA

AISSCE (CLASS XII)

Percentage: 89.4%

2014

GGPS

AISSE (CLASS X)

CGPA: 10/10

2012

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms
Object Oriented Programming
Operating System
Database Management System
Computer Networks
Machine Learning

LINKS

LinkedIn:// gautam26

Github:// goutamkumar1

Codechef:// gautam_nit

POSITION OF

RESPONSIBILITIES

Team lead of TTH | Byju's.

Sports Sec, Students' Council | Executive
Sec, OJASS | NIT Jamshedpur.

EXPERIENCE

BYJU'S | MEMBER OF TECHNICAL STAFF 2

Sep 2022 - Present | Bangalore, India

- Contributed in the architecture design of **Tutor tech horizontal platform** (containing multiple microservices) to replace business specific monoliths.
- Designed and developed important modules of two main microservices i.e **Batching service** (batching, sub batching, user subscriptions, etc) and **Scheduling service** (timetable, classroom creation, etc).
- Ideated and developed business critical features like **Vector Clock** (to maintain 2 way sync), **Subject Sequence load balancer**, **Batch shuffling** which reduced tutor requirements by **30%**.
- Infra cost saved by **70%**, ~ **190K** paid students, ~ **1M** free students and ~ **3K** tutor onboarded. Role redundancies removed across businesses.

QUALCOMM | SOFTWARE ENGINEER

March 2020 - Sep 2022 | Hyderabad, India

- Developed features for 10 components of modem with team to enable 5G in second port for automotive and cellular chipsets.
- Resolved record number of bugs in the chipsets owned and was responsible to create automation suites to verify combined build of 10 components of modem.

ORACLE | APPLICATIONS DEVELOPER 1

June 2019 - March 2020 | Hyderabad, India

- Worked on feature requests and bugs for the product Primavera P6. It used to support 3 DB variants, Standalone DB(SQLite), Oracle SQL Developer, MS SQL Server (Cloud connect for later two).

TATA STEEL ITS | SUMMER INTERNSHIP

May 2018 - July 2018 | Jamshedpur, India

- Designed and developed a responsive web portal for packaging and inspection of **80K** commodities.

PROJECTS

AMAZON REVIEW SYSTEM ANALYSIS | MAJOR PROJECT

- Did Web Scrapping of Amazon Reviews using python (json format), transformed and stored the data in MySQL DB.
- Used **NLP** (nltk package) and **ML regression** technique (sklearn package) to predict helpfulness of review. Accuracy obtained was **98.6%**.

INSTITUTE & ALUMNI RELATIONS WEBSITE (NIT JAMSHEDPUR) | TEAM LEAD

- Developed the UI template (HTML, CSS(Bootstrap framework), JS) and backend of Faculty profile and Alumni registration (PHP, MySQL).

ACHIEVEMENTS

- Best Performer Award for two consecutive cycles at Qualcomm.
- Global rank **5th** (Vishwakarma Cup, Hackerearth) | **219th**, **380th**, **438th** (Codechef contests)
- Zonal **11th** rank in XIth coaching entrance exam (100% Scholarship).