Shantanu Kumar

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EDUCATION

IIT, GUWAHATI
BTech in Electronics and Electrical Engineering
2016-2020 | Guwahati , India

SKILLS
- Node.js
- Express.js
- MongoDB
- SQS
- Kibana
- C++
- C
- MySQL
- Javascript
- Aws
- OOPs
- Git
- Postman

LINKS

Github:// **shantanu**
LinkedIn:// **shantanu**

COURSEWORK

UNDERGRADUATE
Data Structures
Algorithms
Object Oriented Programming
System design
Probability and Random Process

OPERATING SYSTEMS
Linux|Ubuntu
Windows
Unix

EXPERIENCE

SENSEHAWK (RELIANCE) | Software Engineer - Backend
Jan-2022 - Present | India
- Spearheaded development of Task Mapper, a Node.js based project management tool.
- Introduced nested subtasking and blocking features, enhancing project managers' ability to allocate resources effectively.
- Engineered a time-tracking mechanism, providing transparent individual activity reports.
- Implemented a scheduling system using AWS SQS, optimizing task management.
- Successfully revamped APIs, achieving lower latency, reduced costs, and improved overall system performance.

FREECHARGE - DBAT | Software Engineer - Backend
July-2020 - Dec-2021 | India

- Led development of banking products for quick account openings using Node.js and Express.js.
- Architected a central payment gateway for streamlined transactions across products.
- Engineered an AWS SQS based retry mechanism, reducing transaction failures and enhancing reliability.
- Implemented event-driven micro-service architecture.

PROJECTS

E-COMMERCE WEBSITE | May 2019 - June 2019
Link | E-Commerce Website
- Developed an e-commerce website facilitating the purchase of categorized products.
- Normalized MongoDB database, implemented a user sign-up portal, a shopping cart, and a secure payment gateway.

ONLINE REVIEW PLATFORM | June 2019 - July 2019
Link | Online Review Platform
- Created a platform for users to register, share, comment, and discuss campgrounds.
- Implemented user authentication with PassportJs and managed user data in a MongoDB database.

ACHIEVEMENTS

JOINT ENTRANCE EXAMINATION
- Secured 99 percentile among 0.15 million candidates appearing for the IIT JEE.

BEST SECRETARY AWARD
- Won the best club Secretary 2019, under Students' Welfare Board IIT Guwahati.