






Tushar Bharti

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EDUCATION

Indian Institute of Information Technology
B.Tech. Computer Science & Engineering

Guwahati,In
2018-2022

EXPERIENCE

Samsung Electronics

Software Engineer

June 2022-Present

- Design & build content uploader and manager service for devices and web app, enabling seamless content upload based on type, while ensuring automatic scalability for enhanced performance and efficiency
- Developed a robust and scalable microservice from scratch for logging service, enabling capture of streaming data from devices.
- Build cloud infrastructure for application using AWS+CDK, starting from the ground up.
- Perform Android app's feasibility check including real-time monitoring, networkInfo analysis etc., to ensure the seamless integration of Android apps for cross-platform devices.
- Proficiently maintained & enhanced features by executing major modifications while adhering to project timelines and priorities defined in JIRA.

TechStack: AWS+CDK, Typescript, SQL(Postgre), Dynamodb, Kinesis(Streaming), Redis, Docker, Java, CI/CD(Jenkins).

Wingify

Software Engineering Intern

Jan 2022- May 2022

- Build payment gateway APIs by leveraging Verifone APIs.
- Implemented integration of Sentry workspace environment specifically for the EU region.
- Optimize time complexity of user subscription cycle API and quota allocation to sub accounts API by 70%.
- Upgrade subscription micro-service backend from python 2.7 to 3.7.

TechStack: Flask, SQL(SQLAlchemy), Docker, Jira.

Pointo

Backend Developer Intern

Sept 2021-Dec 2021

- Build APIs to validate user location and nearby ride available for them, and use Paytm api to substantiate user transactions.
- Build dashboard to get live user, driver and locate the rides details on map, assign rides to driver, and validate their profile

TechStack: SQL(Sequelize), Typescript, Firebase, Javascript, React.js, Socket.io

PROJECTS

Student Result Portal

Feb 2021-April 2021

- Build portal which ease for student to view their academic result as per their sems. Admin can add faculty and batches, faculty can upload result according to batches and their majors.
- Tech Stack:-** EJS, MySQL, Javascript, Node.js, Express.js, Bootstrap, HTML/CSS, Git.

Bitcoin Price Prediction

June 2021

- Implement **selenium** to extract missing data from Bitcoincharts.com, use time-series analysis & build model using LSTM & RNN to predict bitcoin prices.
- Tech Stack:-** Selenium, Python, keras, sklearn, seaborn.

Real Estate Website

April 2020

- Build Site where user can buy properties according to location, price etc. It have agent section, where agent can add properties and deal with users. Create Admin section, which can verify agents and monitor the deals.
- Make efficient ER Diagram & implement normalized **SQL** database.
- Tech Stack:-** EJS, MySQL, Javascript, JQuery, Node.js, HTML/CSS.

SKILLS AND COURSEWORK

- Programming Languages:-** C, C++, Python, Javascript, SQL.
- Techs & Tools:-** Backend Development, Deep learning, NodeJs, OOPs, AWS+CDK, Git, APIs, Linux, Docker, Sequelize(ORM), React.js, Flask, Web Sockets, Familiar with Hadoop.
- Coursework:-** Data Structure, Algorithm, Database Management, Cloud Computing, Computer Networks, Operating-system, Compilers.

ACHIEVEMENTS

- Samsung Young Achiever Award**, awarded to best developer from department of around 150 members.
- Qualified **google code jam Round 1(2021)**, Global rank 4735.
- Secured global rank of **339** among 8400+ participants in June Cook off.
- 3 star at codechef(max rating:1732 rating).
- Solved **600+** problems on various platforms. Codechef GFG LeetCode StopStalk
- Successfully completed **Google cloud engineering** track on **Google cloud platform**.