Mehul Garg

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⟲ Leetcode- https://leetcode.com/MehulGarg/

EDUCATION

Hemvati Nandan Bahuguna Garhwal University (A Central University)   2018 – 2022 | CGPA: 7.98/10
Bachelor of Technology, Information Technology

L.T.R Public School   2018 | 84%
12th (Senior Secondary Examination), CBSE

Meerut Public School   2016 | CGPA: 10/10
10th (Secondary Examination), CBSE

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Ltd.   09/2022 – present | Noida, India
Software Engineer
- I am working as a Software Engineer in the AWS Product Team.
- I collaborated with the team lead and business consultant to **spearhead** a **CFO-level project**. We developed the **AWS Business Unit Cloud Pricing Portal**, which significantly impacted AWS Business Unit offerings. This project **transformed** traditional **Excel-based calculations** into a robust software solution for the business unit.
- The Cloud Pricing Portal encompasses nine distinct services. It enables users to calculate and compare service charges on QoQ and YoY basis.
- I enhanced user understanding and decision-making capabilities by implementing a commercial summary page. This page provides an overview of yearly charges and the cumulative cost of selected services.
- Utilized **ReactJS** and **its framework** for frontend development, creating an intuitive and responsive user interface
- Leveraged **AWS services** such as **Lambda** for server-side logic to perform complex pricing calculations, **DynamoDB** for robust and scalable data storage, **API Gateway** for REST API creation, and **Amplify** and **Cognito** for authorization and authentication.

Airtel Digital 🔗   09/2021 – 03/2022 | Gurugram, India
Software Development Engineer- Intern
- I worked as an **SDE-Intern** at Airtel Digital in **Decision Tree Team**.
- Worked in an **Agile (scrum) environment** and collaborated with cross-functional teams for engineering a **white-label internal admin platform** named **Single Service Portal** for **developers** and **product operations**.
- Engineered Single Service Portal with senior developers that **reduced sprint time and effort** for changes to get into production from **14 days to a few clicks.** It facilitated the testing of iterative design changes without affecting the product in production.
- Used technologies such as ReactJS, Redux, Typescript, Material UI, Figma, and Bitbucket.

PROJECTS

Algo-Engineering 🔗   12/2020
- Open-source Library of 280+ Data Structure and Algorithms.
- Contains important C++ concepts and solutions to contest on various platforms.

Trishul "The Tech-Carnival" 🔗   12/2019 – 02/2020
Software Developer
- I developed a scalable web-based end-to-end product for the Technical festival of H.N.B Garhwal University.
- The portal influenced over 15,000 students of Garhwal University, over 1,000+ students of NIT UK, and students from other regional colleges in terms of registration and information accessibility.
- Used HTML5, CSS3, Bootstrap, Javascript, and Netlify for deployment

SKILLS

Programming Languages:
C, C++.

Developer Tools:
Jira, Git & Github, Bitbucket, AWS CodeCommit, Netlify, SQLite Studio, Qt Designer, Postman.

Web Skills:
HTML, CSS, Bootstrap, Javascript, ReactJS, Redux, Typescript, Material UI, React bootstrap, Ant design, REST API, NodeJS, AWS Services- Lambda, DynamoDB, S3, API Gateway, Amplify, Cognito, IAM.

Databases:
Postgresql, MySQL.

CERTIFICATION

- AWS Certified Cloud Practitioner 🔗