

Mehul Garg

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WORK EXPERIENCE

Tata Consultancy Services Ltd., Software Engineer

09/2022 – present | Noida, India

- I am working as a Software Engineer in the AI Cloud Product Team.
- I collaborated with the team lead and business consultant to **spearhead** a **CFO-level project** to develop the **AI Cloud Pricing Portal**, resulting in a **30% increase in efficiency**. The project **transformed** traditional **Excel-based calculations** into robust, user-friendly software, enhancing the AI Cloud Business Unit's offerings.
- The portal covers nine distinct services, enabling users to calculate and compare **service charges** on a **QoQ** and **YoY** basis.
- Implemented a commercial summary page, providing an overview of yearly charges and the cumulative cost of selected services, leading to a **20% improvement** in **user decision-making** capabilities.
- Utilised **ReactJS** with **Tailwind CSS** and **Ant Design** for **frontend development**, creating an intuitive and responsive user interface.
- Built serverless backend architecture using **AWS Lambda** with **NodeJS**, integrating **DynamoDB**, **API Gateway**, **Cognito**, and **Amplify** to enhance reliability and **reduce** server-side errors by **25%**.

Airtel Digital, Software Development Engineer- Intern

09/2021 – 03/2022 | Gurugram, India

- I worked as an **SDE-Intern** at Airtel Digital in the **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** the **deployment time** from **14 days** to just a few clicks. It facilitated reusable widgets that enabled testing of iterative design changes without affecting the product in production.
- Technologies used: ReactJS, Redux, Typescript, Material UI, Figma, and Bitbucket.

SKILLS

Programming Languages:

C, C++.

Developer Tools:

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

Technical Skills:

HTML, CSS, Bootstrap, Javascript, ReactJS, Redux, Typescript, Tailwind CSS, Material UI, React Bootstrap, Ant Design, REST API, NodeJS, AWS Services- Lambda, Layers, DynamoDB, S3, API Gateway, Amplify, Cognito, IAM.

Databases:

PostgreSQL, MySQL.

PROJECTS

ConnectCloud Blogs

04/2025

- Developed a full-stack blog platform using **ReactJS**, **AWS Lambda**, **AWS DynamoDB**, and **S3**, focusing on scalability and seamless user experience. **Improved blog management performance by 40%** using optimised **AWS DynamoDB** query structures.
- Implemented **JWT-based authentication**, leveraging **AWS Lambda Layers** for modular dependencies and enabling a **100% image upload success rate** using **presigned URLs** and **AWS S3**.
- Utilised **Tailwind CSS** for a dynamic frontend and integrated **AWS API Gateway** for RESTful services, integrated Netlify CI/CD pipelines for streamlined deployments and rapid iteration.

Trishul "The Tech-Carnival", Software Developer

12/2019 – 02/2020

- I developed a scalable end-to-end software product for the Technical festival of H.N.B. Garhwal University (A Central University). The portal influenced over **15,000 students** of Garhwal University, over **1,000 students** of **NIT UK**, and students from other regional colleges regarding registration and information accessibility. Used HTML5, CSS3, Bootstrap, JavaScript, and Netlify.

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, 12th (Senior Secondary Examination), CBSE

2018 | 84%

Meerut Public School, 10th (Secondary Examination), CBSE

2016 | CGPA: 10/10

CERTIFICATION

- AWS Certified Cloud Practitioner