

# Mehul Garg

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<https://mehulgarg.netlify.app> | GitHub

## 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