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 AWS 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 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.
- Utilized **ReactJs and React UI libraries** for **frontend development**, creating an intuitive and responsive user interface
- Developed AWS Lambda functions using **NodeJS** to ensure scalable and efficient operations.
- Leveraged AWS services such as **Lambda**, **DynamoDB**, **API Gateway**, **Amplify**, and **Cognito** for **backend development**, ensuring a robust and user-friendly platform. This resulted in a **25% reduction** in server-side errors.

Airtel Digital, Software Development Engineer- Intern ⬈   09/2021 – 03/2022 | Gurugram, India
- 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 reusable widgets that build on the platform for the testing of iterative design changes without affecting the product in production.
- Used technologies such as ReactJS, Redux, Typescript, Material UI, Figma, and Bitbucket.

SKILLS

Programming Languages:
C, C++, Java.

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

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

Databases:
Postgresql, MySQL.

PROJECTS

ConnectCloud Blogs ⬈   04/2025
- Developed a full-stack blog platform using **React Js**, **AWS Lambda**, **Dynamodb**, and **S3**, focusing on scalability and seamless user experience. **Improved blog management performance by 40%** using optimised **Dynamodb** query structures.
- Implemented **JWT-based authentication**, leveraging **AWS Lambda Layers** for modular dependencies and enabling **100% image upload reliability** using **presigned URL and AWS S3**.
- Utilised **Ant Design UI components** for a dynamic frontend and integrated **API Gateway** for RESTful services, with **Netlify CI/CD pipelines** ensuring 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 ⬈