

Mehul Garg

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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

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.

WORK 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** 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

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 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.

PROJECTS

Trishul "The Tech-Carnival"

12/2019 – 02/2020

Software Developer

- 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 for deployment

Algo-Engineering

12/2020

- Open-source Library of 280+ Data Structure and Algorithms.
- Contains important C++ concepts and solutions to contest on various platforms.

CERTIFICATION

- AWS Certified Cloud Practitioner