Mehul Garg

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Education

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

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

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

Professional Experience

Tata Consultancy Services Ltd. — 09/2022 – present
Software Engineer — Noida, India
- I am working as a Software Developer in the AWS Product Team.
- Collaborated with team lead and business consultant to spearhead a **CFO-level project** to develop **AWS Business Unit Cloud Pricing Portal,** significantly impacting AWS Business Unit offerings and **transforming** traditional **Excel-based calculations** into a robust **software solution** for the **business unit**.
- The cloud pricing portal encompasses nine distinct services, enabling users to calculate and compare service charges on a year-on-year basis.
- Enhancing user understanding and decision-making capabilities by implementing a commercial summary page that 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
Software Development Engineer- Intern — Gurugram, India
- **Software Development Engineer 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**.
- Engineered software that facilitated 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
- Developed and deployed a scalable web-based end-to-end product for the Technical festival of H.N.B Garhwal University.
- Influencing 15,000+ students of Garhwal University, 1000+ students of NIT UK, and 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.

Certification
AWS Certified Cloud Practitioner.

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.