

Rana Mondal

MERN Full Stack Web Developer

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Full stack web developer with over 5 years of experience in MERN stack and knowledge of other full stack development resources. Passionate about clean coding architecture, web app development, and leveraging cloud technologies with AWS to improve the agility and efficiency of businesses. An astute learner and try to be the best performer while serving for your esteemed organization which demands the best of my professional ability in terms of technical and analytical skills in a pragmatic way with sheer determination, dedication and devotion as well as enhancing my proficiency. Successfully developed and deployed complex application solutions for clients across the insurance industry.

RELEVANT WORK EXPERIENCE

Cognizant, 2022 – Present
Kolkata, India
Full Stack Web Developer

- Working as a developer of TURBO application which is a Test Data Management tool proving any kind of test data required for business purposes. The application is a MERN stack based application hosted on OCF (Open Cloud Foundry). The front end is written in React JS with Redux Saga as the Redux store. There is an Orchestration Api written in typescript using Express JS to route all the requests submitted from the UI. The Db Api handles all database operations of Mongo Atlas using the MongoDB library. There are also a few listeners using Kafka eef-sdk library to listen for any events such as notifications to be triggered. Various schedulers and jobs are also written to perform long-running processes. Have worked on implementations of various new use cases as and when required by the client. Worked on various cloud migrations such as PCF to OCF, Teradata to Snowflake and Mongo DB to Mongo Atlas. Have used architectures like Amazon State Machine. Written reusable code following clean Code by Robert C. Martin. Performed end-to-end and unit testing using Jest.
 - Technologies/Services Used** - Express Js, React Js, Typescript, JavaScript, HTML, CSS, SCSS, REST API, MongoDB, Mongoose, Mongo Atlas, SQL, Teradata, Snowflake, GitHub.
 - Industry** – Insurance
- Working on Micro Frontend development for a use case to create a MFE for creating GitHub repos. The MFE can be use across org to create standardized git repos with templates. This would prevent creating of unverified repos and maintain a standard across all LOBs.
 - Technologies/Services Used** - Amazon State Machine, RabbitMQ, Kafka, OCF, Micro Fronted, serverless with AWS Lambda, Terraform, Helm Chart, Kubernetes, GitHub, GitHub actions CI/CD with Jenkins, Amazon Web Services, okta.
 - Industry** - Insurance

Infosys Limited, 2019 Dec – 2022 April
Mysore, India
Full Stack Web Developer

- Completed extensive Infosys Mysore training of 4 months on MEAN Stack. Worked as a support developer for small MEAN-based apps for clients. Had regular interactions with clients to understand requirements. Worked on configurations like creating workflows, validating rules and manual data setup for testing.
 - Technologies/Services Used** - Express Js, Angular Js, Typescript, JavaScript, HTML, CSS, REST API, MongoDB, Mongoose, GitHub. ETL
 - Industry** – Insurance

CERTIFICATIONS

- Infosys Certified React Developer
- Infosys Certified Agile Way of Working Foundation
- Cloud Computing and Development (AWS) from WebTek Labs Pvt. Ltd

EDUCATION

RCC Institute of Information Technology, 2019
Kolkata, India
B.Tech, Computer Science and Eng. — CGPA : 7.9

SKILLS

Technical Skills: Express JS, React JS, Typescript, JavaScript, HTML, CSS, SCSS, REST API, MongoDB, Mongoose, Mongo Atlas, SQL, Teradata, Snowflake, Amazon State Machine, RabbitMQ, Kafka, OCF, Micro Fronted, serverless with AWS Lambda, Terraform, Helm Chart, Kubernetes, GitHub, GitHub actions CI/CD with Jenkins, Amazon Web Services.
Languages: Bengali (Native), English (Fluent), Hindi (Conversational)