

Akash Tyagi

Email: akash.tyagi.41096@gmail.com

Mobile: +91-911-9039-432

Linkedin: AkashTyagi

LeetCode: Akash2104

EDUCATION

- **Graphic Era University** Dehradun, India
Bachelor of Technology - Computer Science; GPA: 9.1
Courses: Data Structures, Analysis Of Algorithms, Databases, Operating Systems, Networking
July 2015 - June 2019

SKILLS SUMMARY

- **PROGRAMMING:** JAVA, JavaScript,HTML/CSS, C++
- **FRAMEWORKS:** ReactJS, AngularJS, Java SpringBoot
- **DATABASES:** PostgreSQL, MySQL
- **SOFT SKILLS:** Leadership, Presentation,Time Management, Communication, Problem Solving

EXPERIENCE

- **Tata Consultancy Services** Noida
System Engineer June 2019 - Present
 - Created and deployed additional features to **MasterCraft Low-code and Eclipse based Forward Engineering Edition** to automate and accelerate the development, testing and deployment of web applications.
 - Worked on multiple **Migration Project** and successfully migrated many legacy application to ReactJs/Angular and Java SpringBoot.
 - Provided a **model-driven approach** for citizen developers to Drag N Drop widgets along with their functionalities to a canvas to generate an optimised, functional code reducing the manual effort by 65%.
 - Implemented and Integrated REST APIs with UI code for multiple client application along with the SWAGGER DOCUMENTATION for ease of testing and integration.
 - Lead/Part of end to end delivery team for multiple applications which are currently used by clients. Provided POCs (Proof of Concept) to 20+ clients all over the globe resulting in increase in sales by 80%.
- **Tata Consultancy Services** Hyderabad
Intern Jan 2019-Apr 2019
 - Was given an opportunity to work individually on a project "MARKET BASKET ANALYSIS" - an algorithm-based approach which analyzes the previous sell data of any super-mart and tells you the products which have high probability of getting sold together. Before leaving have given KT sessions to the team who has taken up this project for adding it to the data analytics tool. Tech :- Java, Data Analysis, Association Algorithm.

CLIENT ENGAGEMENTS AND PROJECT

- Retail Company in US: Deployed 300+ UI Screens in ReactJS for Mainframe + VB6 to React + .Net Migration Project using Agile methodology. It was a one to one conversion so added client side validation and APIs integration and working very closely with Business User to give them comfortable experience in new application.
- Healthcare and Insurance Company in US: User Interface design from wireframes and development of an application that was on PowerBuilder and needs to re-developed in Angular Material UI with REST API integration which were already developed. This engagement was the first migration project for customer and quite challenging as knowledge of both UI and APIs is required and it turned to be a great success which paved the way for large scale migration opportunities for TCS.
- Flight Reservation ApplicationAn application designed as a deliverable project having all the functionalities and standards met Tech: ReactJS, SpringBoot, PostgreSQL

AREA OF INTEREST

Problem Solving
Data Structure and Algorithms
Front-End Development
Back-End Development
SQL/NoSQL Databases

HONORS AND AWARDS

- Got ON THE SPOT AWARD from two different customers in consecutive months - Jan Feb 2023
- Got CEG Excellence Award(Annual TCS' Projects Meet) - October 2022
- Honored for excellence in delivery and scintillating POCs demos for one of the successful pilot (Worked as a Senior Engineer)
- Lead my University Basketball Team to multiple titles, also represented Dehradun and secured 3rd rank in Uttarakhand Senior State Basketball Championship, 2018