

SHASHANK SINGH

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SUMMARY

I am currently working as a Senior System Engineer @ Infosys. I have total experience of 2.6 years and have developed multiple web applications and Internal company Portals using Angular and Mendix (Low Code). I have been exposed to complex problems, optimisation and clients requirements.

PROFESSIONAL EXPERIENCE

Project: User Document-Authorization/Signature Portal

May 2022–Present

Working as Angular Developer

- Designing a complete Single page web application for better user experience.
- Implemented Microsoft Authentication Services.
- Developed a custom people picker using Microsoft GraphQL.
- Using Observables, Efficient Error handlers, Dynamic data transfer, behaviour subject, etc. in the development of the application.
- Modifying and implementing a third party private design framework - Shui Design, for the application.
- Implemented Multi-User Authentication based on User Role on different pages and table cells.

Project: Bidding management System

January 2022–April 2022

Worked as Project lead(temporary) and Angular JS Developer

- Re-designed and optimised different sections of applications and modified architecture.
- Efficiently managed team of system engineers during this project, understood client requirements and implemented Agile methodology in the project. Awarded with **Infosys Insta Award** for the same.
- Introduced standards of programming and replaced old code with new, more efficient, secure code.
- Implemented CSS to make the website responsive and handled errors for quick debugging the whole application.

Project: Idea/Financial Solution Management Web-Application

January 2021 –November 2021

Worked as Angular Developer

- Designed and developed a complete 50 pages web application with nested components, with each page having dynamic runtime data update based on user entry.
- Developed reusable components for Common Validations, Notification and Error handling components, Functions, Directives, Pipes and Services.
- Used complex Reactive Forms along with the different levels of inter-page dependent validations, used Angular material for styling and local session storage in an efficient way to store form data before final saving.
- Modified and implemented Ag-Grid table and Ag-Grid graph into the application, added dynamic features in Ag-Grid table like the CRUD operation on the row, runtime update of data along with complex calculation, which resulted in decrement of load on the backend.
- Received an early promotion, promoted to position of **Senior System Engineer** on the successful completion of the project.

Project: Employee On-Board Portal

October 2020–December 2020

Worked as Mendix Developer

- Worked with senior developers to achieve a smooth Employee On-Board app, designed domain model (database model) of the application.
- Created a User-HR chat portal using the features of Mendix and entity-object behaviour.
- Worked with MicroFlow and NanoFlows to apply validations and authentication on the pages and user input fields.
- Implemented progress bar dependent on user's document uploads and approvals.

Project: Internal Employee Solution Web-Application
Worked as NodeJS and Angular Developer

March 2020-September 2020

- Designed and developed the website for employees and admins for queries and feedback.
- The pages and functionality mainly include Login Dashboard, Add/Delete/Update to/from Query box, and work with Rest API and JSON.
- Worked with backend teams to implement Add, Delete, Update, Remove functionality in NodeJS.

PERSONAL PROJECTS

I love to work on different personal projects, to increase my understanding of the language and market pattern which other developers are following. Some of my projects are:

- [justcodeandcoffee.in](https://github.com/shank252127) an E-learning platform (In-progress).
 - Live chat application using NodeJS/Socket.io.
 - TickTacToe Game in python.
 - Todo and shopping application using Angular.
 - Flipkart template using Javascript and Html/CSS.
- Check my repository @ GitHub - <https://github.com/shank252127>

Project: Solar Panel Cleaning System

January 2019-July 2019

Solar Panel Cleaning Machine

- Researched the effect of foreign particles on the efficiency of the solar panel, found a decrease of electricity production during peak time by 10-25%.
- Along with the team, created a remote-controlled machine that can be mounted on an array of solar panels.
- Reduced manual labour, water consumption and reduced overall cleaning cost.

SKILLS

- Programming skill - Angular(Framework), Typescripts, NodeJS, Javascript, Python .
- Familiar with - MongoDB, AgGrid, HTML, CSS, Bootstrap, Angular-material, Ng-Prime, Mendix(Low Code), SQL.
- Proficient in Angular and Mendix.
- Good knowledge of the Agile Model and related methodologies.

EDUCATION

- **B.Tech in Mechanical Engineering** with Honours from Pranveer Singh Institute of Technology, Kanpur, U.P. 2015-2019

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Infosys Angular Certified Professional, 2021.
- Infosys Basic Agile Certified Professional, 2020.
- Mendix Rapid Developer Certification, 2020.
- Completed Graduation with Honours.
- Voluntary worked as Head of Management in education startup Discovery Classes, 2019.

PERSONAL DETAILS

Date of Birth: 01/07/1998
Address: Ballia, Uttar Pradesh
Language: English, Hindi and Bhojpuri.

I declare that the information above is true and correct to the best of my knowledge and I have not concealed any information, which might reasonably be expected to affect my suitability for this job.

Shashank Singh