

Rahul Gupta

UI Developer

Currently working as a full time contractor on multiple products with a client aiming to improve the educational system in India through personalised learning and ensuring that students learn with understanding.

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Bengaluru, KA

Work Experience

Senior Software Engineer

Tech Mahindra (Contractor)

Bangalore, KA

September 2018 - Present

- Took responsibility of entire front-end for the client.
- Managed and mentored a team of 5 members.
- UI Architecture for all products and solved complex UI problems.
- Merged codes from different team members.
- Created a list of 20+ standards to follow in UI development.

Software Engineer

Tech Mahindra

Bangalore, KA

Aug 2016 - September 2018

- Integrated front-end application with the application business layer.
- Coordinated with Interface Design Architects for meeting accessibility standards at code level.
- Conducted usability testing to resolve interface problems.

Projects

1. Mindspark Student Interface

Tech Mahindra

Client: Educational Initatives, Bangalore

Summary:

This project involved developing the front-end of a web application for the client. This project is the other part of the Mindspark product. The application lets student attempt various topic tests and worksheets assigned by the teachers in the Teacher Interface. The student will also be able to monitor his/her performance with detailed graphical and tabular reports.

Responsibilities:

- Enhancing the entire frontend UI previously developed by other vendor while receiving feedback and guidance from the client's Lead Designer.
- Suggesting the client for input and output parameters for backend API's.

Technology Stack Used:

- UI - HTML5, CSS3, Angular 4, Bootstrap 3

2. Mindspark Dashboard

Tech Mahindra

Client: Educational Initatives, Bangalore

Summary:

This project involved developing an Angular mobile application with PHP for backend and Mysql for database for monitoring the education level across multiple "zones" across India. The client needed a highly available, medium-scale application (to be used by 50 education officers) with advanced analytics and reporting capabilities.

Responsibilities:

- Coding the frontend UI while receiving feedback and guidance from the client's Lead Designer.
- Developing the entire PHP backend
- Performance Enhancement of the backend scripts
- Database Query Optimization

Technology Stack Used:

- UI - HTML5, CSS3, Bootstrap 3, Highcharts, Angular 4
- Backend - PHP
- Database - MySql

We used the Scrum Agile methodology to organize our efforts during this 3-month project. The initial production release was completed after 2 months, and the succeeding month was spent refining the product and releasing subsequent iterations.

3. Exam Scheduler and Comprehensive Assessment

Tech Mahindra

Client: Educational Initatives, Bangalore

Summary:

This project involved developing the front-end of a mobile application for the client.The purpose of this project is to provide teachers a digital dashboard for building assessments assignable to their respective classrooms.

Responsibilities:

- Developing the entire frontend UI while receiving feedback and guidance from the client's Lead Designer.
- Suggesting the client for input and output parameters for backend API's.

Technology Stack Used:

- UI - HTML5, CSS3, Angular 4, Bootstrap 3

4. Mindspark Teacher Interface

Tech Mahindra

Client: Educational Initatives, Bangalore

Summary:

This project involved developing the front-end of a web application for the client.The purpose of this project is to provide over a million teachers from over 10,000 schools in India and overseas, a digital classroom interface which operates just like an orthodox classroom with an in-depth analysis of every student's academic performance as well as student's usage of the product.

Responsibilities:

- Developing the entire frontend UI while receiving feedback and guidance from the client's Lead Designer.
- Suggesting the client for input and output parameters for backend API's.

Technology Stack Used:

- UI - HTML5, CSS3, Angular 4, Angular Material 2

Freelance Projects

1. Common UI/ UX

Freelance Project

Jan 2019 - April 2019

Summary:

This project was developed for a US client who is a leading name in the world banking sector. The project involved creating reusable UI/UX component library which would be used by the team of UI developers as a standard for their other banking application. The project was delivered as a module. This project resembles famous UI/UX component libraries such as Angular Material Design or PrimeNG.

Responsibilities:

- Building and publishing an Angular module for the client

Technology Stack Used:

- UI - HTML5, CSS3, Angular 6

2. Store CMS

Freelance Project

Sept 2018 - Dec 2018

Summary:

This project was developed for an American multinational company that designs, develops, and sells consumer electronics, computer software, and online services. This project involved the development of frontend of a CMS for keeping track of store inventory around the world which would be used by the internal sales team.

Responsibilities:

- Developing the entire frontend UI

Technology Stack Used:

- UI - HTML5, CSS3, Angular 6

3. SchoolX

Capstone Project

Dec 2015 - Mar 2016

Summary:

This project was aimed at schools keeping manual data records. Schoolx is based on an ERP system which is specifically built keeping in mind the requirements of a school. Among the unique features of this system is the performance evaluation of any student and the inter-communication facility between the different user groups.

Responsibilities:

- Developing the entire frontend UI
- Aiding in Backend Scripts and Database Design

Technology Stack Used:

- UI - HTML5, CSS3, Angular JS, Bootstrap 3
- Backend - CodeIgniter PHP
- Database - MySql

Education

Bachelor of Engineering (Computer Science)

Krishna Institute of Engineering & Technology

Ghaziabad, UP

Percentage Scored: 70 %

Intermediate

St. Mary's Convent Inter College

Lucknow, UP

Percentage Scored: 92 %

High School

St. Mary's Convent Inter College

Lucknow, UP

Percentage Scored: 90 %

Skills and Competencies

HTML 5

CSS 3

Javascript

jQuery

Material Design 2

Angular 4

Angular 2

Responsive Web Designs

Bootstrap 4

Git

Leadership

Time Management

Achievements and Certifications

Grand Salute Award

Tech Mahindra

Awarded for demonstrating technology proficiency and an unwavering commitment to the brand and the organizational vision.

Best Trainee Award

Tech Mahindra

Awarded the best trainee award for scoring the highest marks and best overall performance over the course of training by the Training and Learning Services Team


Microsoft Technology Associate


July 2015


Microsoft, License F404-6049

Social Links

 <https://github.com/rahulSlash>

 <https://codepen.io/rahulSlash/>

 <https://stackoverflow.com/users/8580593/rahul-gupta>

 <https://www.linkedin.com/in/rahul-gupta-51114111a/>