SHIVAM SINGH, RA1911033010037
Course : **B.Tech**, CSE, 2021
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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	City Montessori School	ICSE	87.5 %	2016
CLASS XII	City Montessori School	Council For The Indian School Certificate Examinations	93.75 %	2018
B.Tech in with specialization in Software Engineering	SRM Institute of Science and Technology - Kattankulathur Campus		9.44 CGPA	2021

Subjects / Electives	
Technical Proficiency	React.js, Freelancer, C++, HTML + CSS, Flutter

SUMMER INTERNSHIP / WORK EXPERIENCE

Front-End Developer, Solera Life Science Private Limited   Sep 2021 - Jan 2022
React frontend experience :
- Developing responsive web-based reusable UI components.
- Strong proficiency in JavaScript, object model, DOM manipulation and event handlers, data structures, algorithms, JSX, and SCSS.
- Experience with popular React.js state management workflow (Redux).
- Optimizing components for maximum performance across a vast array of web-capable devices and browsers.
- Coordinating with various teams working on distinct layers.
- Familiarity with RESTful APIs.
- Familiarity with HTML / CSS.
- Experience with common front-end development tools such as Babel, Webpack, NPM, etc.
- Ability to understand business requirements and translate them into technical requirements.

PROJECTS

Parallelly - To keep a track of your bills and expenditure   Aug 2021 - Sep 2021
Parallelly is a web based application with makes it easy to keep a track of your bills and expenditures and split bills with your friends, family and loved ones. It allows you to scan bills and pay for others inluding keeping a record of the amount you owe to others.

WhatsApp Clone - To remake a social media giant from scratch.   Jun 2021 - Jun 2021
WhatsApp full stack clone using react and firebase

Instagram Clone - To remake a social media giant from scratch.   May 2021 - May 2021
Instagram full stack clone using react and firebase

Central - To keeps a record of attendance and classes.   Mar 2021 - Apr 2021
A facial recognition-based attendance taking web application which keeps a record of attendance and classes for every student and prevents third-party entries. It also gives a super easy managing dashboard to the faculty and requires less maintenance.

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Server-side Development with NodeJS, Express and MongoDB	The Hong Kong University of Science and Technology	This course deals with all things server-side. We base the entire course around the NodeJS platform. We start with a brief overview of the Web protocols: HTTP and HTTPS. We examine NodeJS and NodeJS modules: Express for building web servers. On the database side, we review basic CRUD operations, NoSQL databases, in particular MongoDB and Mongoose for accessing MongoDB from NodeJS. We examine the REST concepts and building a RESTful API. We touch upon authentication and security. Finally we review backend as a service (BaaS) approaches, including mobile BaaS, both open-source and commercial BaaS services. At the end of this course, you will be able to: - Demonstrate an understanding of server-side concepts, CRUD and REST - Build and configure a backend server using NodeJS framework - Build a RESTful API for the front-end to access backend services

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Front-End Web UI Frameworks and Tools: Bootstrap 4	The Hong Kong University of Science and Technology	This course will give you an overview of client-side web UI frameworks, in particular Bootstrap 4. You will learn about grids and responsive design, Bootstrap CSS and JavaScript components. You will learn about CSS preprocessors, Less and Sass. You will also learn the basics of Node.js and NPM and task runners like Grunt and Gulp. At the end of this course, you will be able to a)Set up, design and style a web page using Bootstrap 4 and its components, b) Create a responsive web page design, and c) Make use of web tools to setup and manage web sites. This course also includes an honors track that enables you to work on your own project developing a website using Bootstrap 4. Students enrolling in this course should have prior good working knowledge of HTML, CSS and JavaScript.
Front-End Web Development with React	The Hong Kong University of Science and Technology	This course explores Javascript based front-end application development, and in particular the React library (Currently Ver. 16.3). This course will use JavaScript ES6 for developing React application. You will also get an introduction to the use of Reactstrap for Bootstrap 4-based responsive UI design. You will be introduced to various aspects of React components. You will learn about React router and its use in developing single-page applications. You will also learn about designing controlled forms. You will be introduced to the Flux architecture and Redux. You will explore various aspects of Redux and use it to develop React-Redux powered applications. You will then learn to use Fetch for client-server communication and the use of REST API on the server side. A quick tour through React animation support and testing rounds off the course. You must have preferably completed the previous course in the specialization on Bootstrap 4, or have a working knowledge of Bootstrap 4 to be able to navigate this course. Also a good working knowledge of JavaScript, especially ES 5 is strongly recommended. At the end of this course you will: - Be familiar with client-side Javascript application development and the React library - Be able to implement single page applications in React - Be able to use various React features including components and forms - Be able to implement a functional front-end web application using React - Be able to use Reactstrap for designing responsive React applications - Be able to use Redux to design the architecture for a React-Redux application
Machine Learning	Stanford University	This course provides a broad introduction to machine learning, datamining, and statistical pattern recognition. Topics include: (i) Supervised learning (parametric/non-parametric algorithms, support vector machines, kernels, neural networks). (ii) Unsupervised learning (clustering, dimensionality reduction, recommender systems, deep learning). (iii) Best practices in machine learning (bias/variance theory; innovation process in machine learning and AI). The course will also draw from numerous case studies and applications, so that you'll also learn how to apply learning algorithms to building smart robots (perception, control), text understanding (web search, anti-spam), computer vision, medical informatics, audio, database mining, and other areas.

POSITION OF RESPONSIBILITY

Front-End Developer - Solera Life Sciences Private Limited   Sep 2020 - Jan 2022
React frontend experience :
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SCHOLARSHIPS

Performance Based Scholarship   Jun 2021
Based on my first year academics performance I was awarded with scholarship of fifty thousand rupees.

EXTRA CURRICULAR ACTIVITIES

Freelancing at Upwork
Upwork provides an online workplace,
where companies hire, manage, and pay freelancers through our web-based platform

PERSONAL DETAILS

Date of birth: 15 May 2000	Father's name: Kamlesh Kumar Singh
Permanent address:	Languages known:

Shivam Complex, Indian Oil Petrol Pump, Mohalla Tirth, Gola Gokarannath, Uttar Pradesh, Gola Gokarannath, Gola Gokarannath, Uttar Pradesh, PIN - 262802	Hindi, English, French
Permanent contact number: 8957363061	Nationality: Indian
Passport availability: No	