

SARTHAK CHAUHAN

Nodejs, Reactjs, JavaScript Developer

Dehradun, India
(+91) 805-742-2794
sarthak.chauhan@iiitb.org

PROFESSIONAL SUMMARY

- 2.5 years of experience in API/Web Development, Designing User Interface Applications, Design and development of professional applications using NodeJs, ReactJs, Javascript, MongoDB, SQL, Angular, HTML5, CSS, Bootstrap
- Experience in Architecture, Design and Development of Object Oriented Software Systems and building complex, high performance, scalable and easily maintainable solutions for Web, and Distributed applications.
- Comfortable working with MERN(MongoDB, Express, React, NodeJS) stack.
- Strong development skills including RESTful Web Services.
- Experienced in developing UML Diagrams like use Cases, Class Diagrams and Sequence Diagrams using PUML, Draw.io, and MS Visio.
- Integration and deployment[CI/CD] of applications done using tools like Bitbucket, Gitlab, github, Heroku.
- Good experience in using various version controls like GIT.
- Worked on NSS (Mozilla), PKCS11 library to develop the CRYPTO operations for the Node.
- Experience in database programming using Oracle, MySQL, MongoDB..
- Worked on many custom modules and widgets using React JS/CSS/HTML and made those cross-browsers consistent.
- Extensive experience in IDE and debugging tools like Eclipse, VS Code.
- Utilised Node.js, Socket.io, Redis, Supervisor, Grunt, Yeoman, and Angular for scalable website architecture and realtime technology.
- Proficient in working with task runners GULP and GRUNT.
- Performed unit testing using Mocha and Jest aiding test driven Development in some scenarios.
- Developed crypto rest services using NodeJS and integrated services with HSM(Hardware Security Module).
- Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills.

TECHNICAL SKILLS

API Developement: NodeJs

Web Development: React.js, Angular, Bootstrap, HTML5, SASS, LESS, CSS3, JavaScript, JSON, JavaScript Libraries

Database: MongoDB, MySQL, MSSQL

Unit Testing Framework: Mocha, Jest, Jasmine, Karma

Code Review: Sonarqube

Bug Tracking/Project Management Tool: JIRA

Cloud Services: AWS, Heroku

Operating System: Windows, Linux, Unix, Mac OS X

Tools: Postman, Notepad++ ,Visual Studio, Sublime Text2, Slack, Draw.io, PUML

HARD SKILLS

Agile Software Methodology

SWOT Analysis

Stakeholder Analysis

Use case, Wireframing

Prototype

EXPERIENCE

Integrated Nation Foundation, Dehradun — Full Stack Developer

06 Jan 2020 - PRESENT

- Worked with MEAN/ MERN stack for developing applications.
- Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
- Worked with Express.js for development of RESTful web services and middleware configurations.
- Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js.
- Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
- Worked with Grunt, Gulp for task runner configurations for minification, watch, jshint, jscs, css autoprefixer, sass compilation, bundling and test runner configurations and make it available as a command.
- Worked with unit testing of javascript applications using Karma, Jasmine, apimocker, Jest, enzyme, snion.
- Designed Responsive Web pages using media queries and Twitter Bootstrap.
- Experienced in React JS and working with React Flux architecture. Experienced in working with Redux architecture.
- Working with ECMA Script 6 features. For build of JSX and ES2015(ES6) used Babel, webpack.
- Working with React Router for developing Single Page Applications SPAs.
- Experienced in developing React components. Used Axios with ReactJs for making AJAX Calls. Worked on Webpack for build and webpack-dev-server a server.
- Actively involved developing proof of concept for a newly proposed application in using React.
- Working experience with Typescript new features block scope, type restrictions, decorators, arrow functions, classes, interfaces, modules (import and exports).
- Used webpack, babel and gulp for transpilation(compilation) configuration for typescript to be converted to javascript.
- Worked with Angular to develop single page applications, worked with ngrx/store for managing Angular applications.
- Worked with http interceptors configurations for security in Angular applications.
- Worked with Angular directives, components, pipes, injectables.
- For Responsive Web design used Bootstrap to build grids, layouts and components. Used Bootstrap components like dropdown

SOFT SKILLS

Time Management Skills

Critical Thinking Skills

Consultative and Interpersonal

Oral/Written Communication

Public Speaking

Adaptability

Organizational Skills

ACHIEVEMENTS

Gate CSE 2018 AIR: **398**
(Percentile **99.63**)

Codechef April month Long
challenge global rank :**141**

Chairman Interface 2017-2018
(Branch Chapter of CSE at
GBPUAT Pantnagar)

Co-coordinator Interface 2015-
2017 (Branch Chapter of CSE at
GBPUAT Pantnagar)

LANGUAGES

English, Hindi

menus, navigation bar, alerts, and labels.

- Setup Jasmine and Karma for UNIT and Functional Testing of JavaScript with mocking frameworks and spys.

EDUCATION

IIIT B, Bangalore — ***M.Tech*** CSE (*DS specialization*)

2018 - 2021

CGPA: **7.51**

GBPUAT, Pantnagar — ***B.Tech***

2014 - 2018

CGPA: **6.72**

Doon International School, Dehradun — *12th*

2014

Percentage: **91.4**

PROJECTS

Education Insight

Client : Integrated Nation Foundation

Application to collect education records from various sources [Web/ Native App]. Generate reports based on historical data and forecast education statistics.

Environment: Node Js, React, HTML5, CSS3, JavaScript, JSON, REST web services, Protractor, Mocha, Chai, GIT, Heroku, AWS, SonarQube

Chat-Bot

Client : Integrated Nation Foundation

Chat-bot capable of responding to users as per their questions asked to improve user experience of application

Environment and Tools:: Node.js, Jenkins, docker, github, Google Dialogflow

Mini-Torrent

Client : Confidential

Created a file sharing system with fallback synchronized multi-tracker system and parallel downloading. Implemented own RPC for data sharing

Environment:: C++, threading, socket programming.