

Karan Raina

Mobile: +91-9727093095 | Email: karanraina1996@gmail.com

LinkedIn: @karankraina | GitHub: @karankraina

3 years of overall experience in Modern Web Development using JavaScript. Experienced with all stages of the development cycle for dynamic enterprise-level web projects. Well-versed in numerous modern frameworks of JavaScript including Express JS, Next JS, React JS, etc. Strong background in project management and customer relations.

*Currently working as System Engineer at **Tata Consultancy Services Limited**.*

Professional Summary

- Professional experience in all SDLC phases including requirement gathering & analysis, application architecture design & development, maintenance and testing as per enterprise standards.
- Experience in developing REST Web APIs using Node JS/ Express JS/ Nest JS/ Next JS and host on multiple load balanced API instances.
- Good knowledge of Web Security principles especially in Modern Web Development stack.
- Used GitHub Advanced Security, Checkmarx and Snyk tools to scan the application source code to check for security vulnerabilities and fixed them.
- Experienced in both client-side and server-side scripting languages with ES6 syntax and TypeScript.
- Good knowledge in Responsive Web Designing (RWD) using Bootstrap 3/4, CSS3 media queries, SCSS, SASS.
- Experience of working with both Waterfall Model and Agile Methodology.
- Good experience of creating and developing all micro deliverables for a project like Validation Documents, Weekly Status Reports, Code Review Document, Minutes of Meeting etc
- Well versed with Project Management activities like Internal Audit, External Audit, Process Improvement Management, Access Roster Review, etc.

Skill Matrix

Front End	Back End	Database
<ul style="list-style-type: none">• HTML5/ CSS3• jQuery• Vanilla JS• React JS	<ul style="list-style-type: none">• NodeJS• Express JS Framework• Next JS Framework• Nest JS Framework	<ul style="list-style-type: none">• PostgreSQL• MongoDB
Deployment Platforms	Tools and Products	Development Tools
<ul style="list-style-type: none">• Heroku• Microsoft Azure• RedHat OpenShift	<ul style="list-style-type: none">• Denodo Virtualization Platform• pgAdmin• Postman (REST API Tool)• Heroku CLI tools• OpenShift CLI tools	<ul style="list-style-type: none">• Babel (JS Transpiler)• Webpack (JS Bundler)• Gulp (JS Task Runner)• ES Lint (Linter)

Key Projects with Roles Held

Tata Consultancy Services, Ahmedabad

1. **Senior Developer** – (Current)

Project Name : **Company Confidential**
Client : **US Based**
Domain : **Life Sciences**
Duration : **1 year**

Project Brief:

This project deals with the automation of one of the key manufacturing pipelines of the company.

Responsibilities:

- Responsible for development of new features and enhancements in the existing application.
- Working with ECMA Script 6 features. For build of ES2015 (ES6) and higher, used Babel and gulp.
- Used GitHub Advanced Security for finding security flaws and dependency vulnerabilities in the code we build and fixed the security issues.
- Used node.js as a proxy to interact with RESTful services and interacting with PostgreSQL Database.
- Extensively worked with making calls to APIs to fetch the data from the backend as JSON response.
- Improved Jenkins CI/CD pipeline to include unit test check.
- Responsible for delivering key project deliverables like Weekly Status Reports, Minutes of Meeting, Validation Documents, etc.
- Worked on an Agile (Scrum) Development Team to deliver regular updates to business team and project managers.
- Involved in backlog refinement with other teammates and assign story points based on the acceptance criteria.

2. **Senior Developer** – (Current)

Project Name : **Company Confidential**
Client : **US Based**
Domain : **Life Sciences**
Duration : **1 year**

Project Brief:

In this project, we developed a web application which enables end users to review business products annually.

Responsibilities:

- Analysis of the requirements and distribution of tasks amongst team members.
- Responsible for complete development of backend server using Node Js and Express Js in typescript.
- Working with ECMA Script 6 features.
- Achieved role-based access to the application and used Federate SSO for the integrated products.
- Implemented GitHub Advanced Security for finding security flaws and dependency vulnerabilities in the code and fix the security issues.
- Used Node Js as a proxy to interact with RESTful services and interacting with PostgreSQL Database.

- Extensively worked with making calls to APIS to fetch data from the backend as JSON and parse it on the UI for DOM/CSS manipulation.
- Implemented JWT based authentication in the REST API.
- Developed Swagger UI for Node Js API.
- Used Jenkins for continuous integration and continuous deployment pipeline.
- Responsible for delivering key project deliverables like Weekly Status Reports, Minutes of Meeting, Validation Documents, etc.
- Worked on an Agile (Scrum) Development Team to deliver regular updates to business team and project managers.
- Involved in backlog refinement with other teammates and assign story points based on the acceptance criteria.

3. Developer

Worked in more than **4 projects** with Node JS and Express JS at the backend and template engines like Jade and Handlebars with jQuery for the User Interface.

Project Name : **Company Confidential**
 Client : **US Based**
 Domain : **Life Sciences**
 Duration : **2 years**

Responsibilities:

- Mostly responsible for developing code as per assigned ticket in Jira.
- Used HTML5, CSS3, Bootstrap 3/ 4, jQuery to build User Interface elements.
- Worked with ECMA Script 6 syntax features and upgraded existing codebase in one of the applications to ES6.
- Implemented Federate SSO for authentication using Passport Js.
- Used Snyk tools to find security vulnerability issues in code and fixed them.
- Developed REST API using Node.js, Express.js.
- Used Heroku automated pipelines to implement CI/ CD in the application.

Educational Profile

- **Bachelors in Computer Engineering** from Gujarat Technological University in 2018.
- **Higher Secondary Education in** Science from J&K Board of School Education in 2014.

Awards & Achievements

- A total of **6** awards in the category of “**Awards for Excellence**” at Tata Consultancy Services.
- Recommended for the **TCS Digital Program** after qualifying an assessment which included written test (Technical, Quantitative Aptitude, Agility, English) followed by an interview.
- Awarded **early promotion** once and nominated again for next early promotion in Tata Consultancy Services.
- Recommended by **Indian Air Force** Service Selection Board for the rank of Flying Officer in 2019.