Tech Lead / Technical Architect

Shivam Gupta
Lead Software Engineer
Mobile No.: +91-9711626192, 9650704131
Email Id: er.shivamcse@gmail.com

Summary of Qualifications (Knowledge & Skill Areas)

- **11+ Years** of professional experience in all phases of software development life cycle including **requirements analysis, Applications design, Development, Integration, Installation, Implementation, Testing of various client/server and web applications.**

- Worked with various reputed organizations on E-commerce, Education, Telecom, Industrial and process control domains.

- Majorly involved in Applications development & design implementation of new product, features and bugs fixing, maintenance, Installation, Implementation, testing of various client/server, N-tier and web application and its design, using various UI- TECHNOLOGIES.Experience in the Web Applications Development and Mobile App development using front end technologies like HTML, CSS, JavaScript, Typescript, ReactJs, Redux, webpack, Nodejs, JS frameworks & Libraries.

- Experience in various mobile hybrid frameworks like Ionic, react-native,PhoneGap/Cordova for mobile hybrid applications in both IOS and Android.

- Extensive experience in development of REST API using NodeJS, NestJS, Express, Loopback and python flask.Expertise in maintaining websites, software and understanding and modifying existing code.

- Experience on Protractor in end-to-end test framework for AngularJS applications and also performed in jasmine, mocha, chai and Sinon.

- Experience with User Acceptance Testing (UAT) and Accessibility Testing.

- Experience in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with **Agile** and **SCRUM**.

- Project deployment on AWS EC2, Heroku and other Cloud based servers.

- Having experience with problems solving skills with algorithms and data structures, machine learning with python to generate the model over data and data analytics.

- Working with various data visualization frameworks and libraries like D3.JS, Google Charts and other charting frameworks.

- Team player, Pair programming, experience working with multiple teams and ability to work on new technologies in a relatively shorter time.

- Good written and oral communication skills and Interpersonal skills with a strong ability to excel through collaboration with team members

- **Programming & Markup languages** – JavaScript, HTML5, HTML4.x, CSS, Node JS, Python, Java, Typescript, ES6, Bash Shell
- **Frameworks** – Angular JS, Angular2/9/11, ReactJS, Redux,Sass, Less, jQuery,Jade template engine, Express.js, jQuery, bootstrap, backbone.js, loopback.js, Serverless, Ionic, React-native, mocha, jasmine, jest, chai, D3 Charts, Google Charts, Selenium, Protractor, python-flask, NextJS, SiteCore CMS.lambda
- **Cloud& Sass Platforms**: AWS, Heroku, Firebase, google cloud
- **Databases** – MySql, MongoDB, DynamoDB, Postgres
- **Version Tools** – Git, SVN, CVS
- **APIs**–GoogleMap APIv3, WSDL (SOAP API), REST API (JSON)
- **OS**: Windows, Linux (Ubuntu) & Microsoft Windows X, Mac (Unix)
- **Basic Computer & Graphics** –Photoshop, MS Office tools

Project Experience - with customer information

Product name: Turing.com	Duration: Feb 2021 – April 2024
Role	Software engineer L3 (Tech Lead)
Project abstract	Automated the flow for developer vetting and hiring process for the developer till the delivery to customers
Company	Turing Global
Tools and Technology	CSS, HTML, JavaScript, ReactJS, Redux, Redux, Thunk, JSX, NodeJS, NestJs, ExpressJS, Typescript, Webpack, Jest, Cypress, D3 Charts, Scss, atomic designs.,Git, Python, Mysql, GCP, docker, jenkins, Angular, storybook, monorepo
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● **Train and Mentor Junior Developers:** Demonstrated leadership by training and mentoring junior developers, fostering their growth and enhancing team skills and performance. ● **Refactored and Modernized Old Code Bases:** Successfully refactored and modernized legacy code bases, resulting in reduced operating costs and improved system maintainability. ● **Provided Solutions for Performance Optimization, Scaling, and Cost Reduction:** Developed and implemented solutions to optimize system performance, scale applications effectively, and reduce operating costs, showcasing expertise in performance engineering and cost management. ● **Architected Solutions for Multiple Projects:** Led the architecture design for multiple projects, ensuring alignment with project requirements and business objectives, indicating strong problem-solving and architectural design skills. ● **Developed Reusable Libraries and Packages**: Created reusable libraries and packages to streamline the development process, enhancing productivity and efficiency across projects.

Product name: SaxoTrader	Duration: June 2019 – Present
Role	Senior Developer

Project abstract	Online Trading application that allows the customer to buy sell Stocks, instruments, FX, CFDs, Srd and others
Company	SaxoGroup India
Tools and Technology	CSS, HTML, JavaScript, React JS, Redux, Redux Saga, JSX, NodeJS, ExpressJS, Typescript, Webpack, Jest, SiteCore CMS. Cypress, Grunt, D3 Charts, Electron, Scss, nunjucks template, atomic designs lambda.
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● Training and mentoring junior developers ● Collaborating with Cross-functional team members ● Involved in development as individual contributor ● Developing Components Using ReactJS ● Revising and modularizing Old code bases ● Prepare the Engineering designs for the new feature requirements and development ● Involved in Solution Designing and Application Architecture development
Product name: Hits Portal	**Duration: Sep 2018 – June 2019**
Role	Lead FullStack JavaScript Developer
Project abstract	Migration from Kendo JS framework to React JS with Office FabricWith Microservice
Company	Microsoft [HARMAN]
Tools and Technology	CSS, HTML, JavaScript, React JS Redux, JSX, NodeJS, ExpressJS, Typescript, Office Fabric, Webpack, Jest
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● Migration from KendoJS to ReactJS ● D3.JS fordata visualization ● Rest Services development using Python Flask Frameworks ● Develop Component Using ReactJS ● Develop Rest API's using NodeJS Express Framework. ● API Integration ● Application state management using redux ● Build development using webpack ● End to end system design ● Acceptance automated e2e testing using selenium
Product name: Octopus	**Duration: March 2018 – Aug 2018**
Role	Full Stack Web Developer

Project abstract	Dashboard todisplay Load Test Runner and Test Reports
Company	Polycom [HARMAN]
Tools and Technology	CSS3, HTML5, JavaScript, JQuery, Angular 4, Node Js, Xml Parser, ExpressJS, Python, Panda, Flask
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● Develop the Dashboard Using Angular4 to display the running load ● Data migration, scrapping and parsing services using python ● Develop Node JS services to read and parse the logs ● Develop Rest API's to provide Reporting data ● Automation testing using protractor.
Product name: Smart Card Reader Application	**Duration: Nov 2018 – March 2018**
Role	Full Stack Developer
Project abstract	created a portal to authenticate user by smart card reader, create the meetings invitation and join the meeting.
Company	Polycom [HARMAN]
Tools and Technology	Java, node.js, html5, css, angular, smart card reader sdk, java bouncycastle API, D3 charts
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● Responsible for developing & handling the team, provide the support to associate developers ● Design the application flow and uses cases analysis ● Read and Write PKI certificate into Smart Card ● Develop java application to communicate with Smart Card and part PKI certificate from smart card to get user details for authentication. ● application optimization & scaling ● Automation behavioral testing using selenium
Product name: AutoBOM	**Duration: March 2017 – Oct 2017**
Role	Full Stack Developer
Project abstract	It's a portal to allow users to generate the BOM, Track the status of BOM that goes through various approvals and notify the users regarding status update of the BOM.
Company	Ericsson [HARMAN]
Tools and Technology	node.js, Express.js, NGINX, MongoDB, karma, jasmine, Angular2, jQuery, bootstrap HTML5, CSS3, Gulp, Python, AWS, lambda
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● Responsible for developing & handling the team, provide the support to associate developers ● To Implement MVC design pattern using Node.js backend and exposing the micro-services to client (Frontend)

	- To write Unit Test Case for APIs in Mocha & Node.js - Fetched data in JSON from server path. - application optimization & scaling - Automation testing using protractor, selenium
Project name: Project Leap – Open Network (Airtel.com)	**Duration: March 2015 – Feb 2017**
Role	Lead Software Engineer
Project abstract	open network provides a platform that gives each one of you access to our mobile tower maps, our weak spots, our strong signal zones, high-speed internet and more.
Company	Bharti Airtel
Tools and Technology	Node.js, angular.js, jQuery, bootstrap HTML5, CSS3, Gulp, Git, google map API, Java/J2EE, spring, google charts, Selenium, Protractor,
Responsibilities	Some of the key responsibilities while executing this project are as listed below - - Responsible for developing & handling the team, provide the training to associate developers - To Implement MVC design pattern using AngularJS 2 - Fetched data in JSON from server path. - application optimization & scaling - Leveraged Bootstrap for responsive UI implementation. - Review the code of other Team members - Automation testing using protractor, selenium
Project name: Reviews & Rating Portal	**Duration: Oct 2014 – March 2015**
Role	Senior Software Engineer
Project abstract	It's a review & rating portal to take the reviews from users via app, web, mobile and tele-calling moderate all the review on moderation panel to approve and reject reviews. Approved reviews get visible to read Review page for hotels and others.
Company	Goibibo
Tools and Technology	node.js, loopback.js, angular.js, jQuery, bootstrap HTML5, CSS3, MongoDB, grunt, mocha, redis, git, React.js, d3 charts, selenium, mocha, chai
Responsibilities	Some of the key responsibilities while executing this project are as listed below - - To Implement MVC design pattern using AngularJS - Design views using HTML & CSS. - Leveraged Bootstrap for responsive UI implementation. - To write APIs in Node.js using Express.js framework - To write Unit Test Case for APIs in Mocha & Node.js - Fetched data in JSON from server path. - Review the code of other Team members - Automation testing of portal using Protractor, Selenium
Product name: PayTm	**Duration: Nov 2013 – Oct 2014**
Role	Senior Associate
Project abstract	Ecommerce Application and utilities tool development

Company	One97 Technologies Ltd.
Tools and Technology	amazon ec2, NGINX, Node.js, jade, backbone.js, Angular.js, JavaScript, MySQL, redis, git, Php5, MySQL, Linux. Apache, HTML, CSS,memcached, lambda functions
Responsibilities	Some of the key responsibilities while executing this project are as listed below - ● To Implement MVC design pattern using AngularJS ● Design views using HTML & CSS. ● Leveraged Bootstrap for responsive UI implementation. ● To write APIs in Node.js using Express.js framework ● To write Unit Test Case for APIs in Mocha & Node.js ● Fetched data in JSON from server path. ● Review the code of other Team members ● Develop websms portal for sending SMS via one97 and others resellersIts provides bulk SMS sending, promotional SMS and APIs to send the SMS through other applications.
Company name: TA Netgables Pvt Ltd	Duration: March 2012 – Oct 2013
Role	Full Stack Web Developer
Project abstract	Custom Ecommerce Lead Search Engine Framework Development for Web application (Saralweb.com)
Company	TA Netgables Pvt. Ltd.
Tools and Technology	HTML5,CSS,jQuery,Python, Node.js, Templatetoolkit,Odbframework
Responsibilities	Worked as the part of a team, exploring different web technologies. Delivering custom solutions in a goal oriented environment.
Company name: Netcellence Technologies	Duration: August 2011 – Feb 2012
Role	Full Stack Web Developer
Project abstract	Job Search Portal CareerAge.com, HelpDesk 2.0
Tools and Technology	HTML,CSS,jQuery,Python,MySql, YUI, Bootstrap, Rest API, MVC
Responsibilities	Worked as the part of a team, exploring different web technologies. Delivering custom solutions in a goal oriented environment.

Education:

2007-11	B.Tech (CSE)	CSJMU University, Kanpur UP	76%
2005-06	12th (High School)	CSJIC, Kanpur UP.	74%
2003-04	10th	PVN Inter College, Kanpur UP.	65%