Rajat Sharma

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Profile

Seasoned, forward-looking Software Engineer with 10+ years of experience in architecting and leading web application development projects. Highly experienced in all phases of software development life cycle, agile methodology, and end-to-end project management, from conceptual thought to development and delivery. Consistently recognized as a hands-on and competent leader, skilled at coordinating cross-functional teams.

Education

Northeastern University, Boston, MA, Master of Science in Information Systems, GPA-3.85   Sep 2022 – Expected May 2024
Relevant Courses - Application Engineering and Development, Web Design and UX Engineering, Data Management and Database Design

Guru Gobind Singh Indraprastha University, Delhi, India,   May 2007 – Apr 2011
Bachelor of Technology in Electronics and Communication Engineering

Technical Skills

Programming (JavaScript, Java) | **Architecture** (SPA, SSR, Micro-frontend, PWA, Microservices, Serverless architecture)

Web (HTML, CSS, Boostrap, React, Redux, Redux-Toolkit, Node.js, jQuery, TypeScript, Sass, Webpack, Nginx, ExpressJS, Storyboard)

Testing library & Framework (React Testing Library, Cypress, Jest, Enzyme, NightWatchJS, Sinon, Jasmine, Mocha, Chai)

Databases (MySQL, Cassandra, Oracle, MongoDB, SQL Server)

Tool (GoCD, JFrog, Splunk, Fortify, Blackduck, Heap Analytics, Adobe analytics, SonarQube, Prometheus, Grafana, Apigee)

Cloud and Distributed Computing (Kubernetes, Docker, Azure, AWS, Heroku)

Professional Experience

McKinsey & Company, Gurgaon, India, Senior Software Engineer   Oct 2016 – Aug 2022
- Led team in architecting, executing, and delivering cloud-native software with an emphasis on Micro-frontend, SSR and Microservices architecture, and performance optimization by leveraging DevOps and Left Shift practices
- Created reusable component library, testing framework & project scaffolding archetype that reduced new project onboarding time and team functional efforts

Nagarro, Gurgaon, India, Senior Associate Technology   Jul 2014 – Sep 2016
- Acted as a bridge between client and project team by embracing the agile mindset with a scrum to consolidate and incorporate client inputs in web application deliverables
- Participate in collaborative problem-solving with technical and non-technical stakeholders to develop and put into practice futuristic general solutions

Infosys Limited, Bangalore, India, Senior System Engineer   Dec 2011 – Jul 2014
- Created Microsoft Silverlight widgets and controls to enhance the time to interact and responsiveness of web controls
- Developed and linked business & data access logic to retrieve data from databases and from externally hosted services

Certifications

- AWS Certified Solutions Architect - Associate ↗   - Microsoft Certified: Azure Fundamentals ↗

Projects

Alumni Center, (React, Redux, Spring Boot, Micro-frontends, Kubernetes, Azure, AWS) ↗   Jun 2020 – Aug 2022
McKinsey's official platform to help the Firm's global network of former consultants remain engaged with the firm, their knowledge, and each other.
- Migrated the complete solution from on-premises to the Cloud platform, lowering IT resource costs while improving the product's scalability, security, and availability
- Drafted and spearheaded Micro-frontend and Microservices architecture to enable autonomous module development and testing
- Produced a reusable pattern library to enable web accessibility more quickly and affordably

McKElections, (React, Redux, NodeJS, NightWatchJS, Docker, Kubernetes, MySQL)   Mar 2017 – May 2020
Election facilitation platform to conduct the firm elections for the selection of committee members and a managing partner
- Prototyped and presented MVP to Senior Partners & Firm Legal to validate assumptions, solve primary problems, and share the first experience that bagged project approval
- Assisted a 10-members vendor team and used agile development principles to address complex adaptive problems, improve productivity and deliver the best solution
- Onboarded and integrated MultiFactor authentication and set up a secured communication strategy to store application data and use third-party APIs

McKinsey Design Systems, (React, Bootstrap, Emotion, StoryBook, CDN, NPM, jFrog)   May 2019 – Oct 2019
Set of tools & guidance to help the Firm design and build digital products more efficiently and to re-use, share and produce more consistent experiences
- Researched the latest market standard to define the best technology stack and architecture for the Design System
- Developed McKinsey Bootstrap theme and led the development of Firm React Library incorporated by multiple groups to reduce their designing and development cost & efforts by 20%

Accentra, (Angular JS, TypeScript, Bootstrap) ↗   Aug 2015 – Sep 2016
A web application to build and manage access control systems for multi-family units and small to medium businesses
- Provided technology consulting in end-to-end product development, deployment, and making live
- Introduced Test Driven Development practice and added test cases to achieve more than 85% code coverage
- Setup design framework and introduced the latest market coding standards, further reused in other projects