



Gaurav Thorat

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Hamburg, Germany

## Professional Summary

**Lead Frontend Developer** with 14+ years of experience in software development, specialising in frontend development with ReactJS. Proven ability to lead teams, manage projects, and ensure timely, within-budget delivery. Expert in Agile methodologies, backend API integration, SaaS development, CI/CD pipelines, AWS hosting, project roadmap planning, risk analysis, and implementing quality assurance measures. Skilled in transforming UI designs into high-quality web applications and optimising performance. Strong communicator with a track record of enhancing quality through peer reviews, managing user stories, and thorough documentation

## Skills

**Frontend Technologies:** React.js, JavaScript, TypeScript, Webpack, Redux, MobX, CSS, SCSS, HTML5, JSON, HTTP/AJAX, SaaS platforms, Theia, Node, Vite

**Performance Testing Frameworks:** Jest, Cypress, React Testing Library, Playwright, Jasmin

**UI Libraries:** Material UI, Bootstrap, Tailwind

**Databases:** SQL Server, MongoDB, PostgreSQL, Supabase

**Cloud:** AWS S3 buckets, EC2, Elastic beanstalk, AWS Amplifier, AWS Lambda, IONOS, Portainer

**Other Libraries:** Remirror for SVG rendering, Instascan.JS for barcode, QR code scanning, GoJs for interactive graphics, React-Leaflet for maps, OSISOFT PI for sensor integrations, AGGrid, React Table, Rechart

**API Integration:** REST API, GraphQL with Apollo client

**Hardware Integrations:** Chip based smart cards, Wojtek and RFID integrations

**Agile Development:** Scrum, Kanban, User Stories, Risk Analysis, Sprint Planning, Project Roadmaps, Daily Standups, Sprint Retrospectives, Stakeholder Communication

**Platforms/Tools:** ServiceNow-CreateNow, Git, JIRA, Atlassian, Gitlab, Github, CICD, Docker, Kubernetes

## Experience

### TECHNICAL LEAD FRONTEND DEVELOPMENT, ENCO SOFTWARE GMBH - MAY2023-PRESENT

- Led the development of ReactJS application with Theia, Material UI in various modules and enhanced the functionality of the product with AGGrid and Testing, for a SaaS-based product.
- Worked closely with stakeholders to manage project roadmaps, track user stories, and address potential risks through detailed risk analysis and mitigation strategies.
- Implemented robust quality assurance measures utilising the React Testing Library to ensure the reliability and stability of the product.
- Enhanced the HARA (Hazard Analysis and Risk Assessment), TARA (Threat and Risk Assessment), ATA (Attack Tree Analysis) within the SOX application to optimise performance.
- Automated deployment processes by establishing CI/CD pipelines on GitLab and deploying applications on IONOS using Portainer, ensuring efficient and error-free releases.

### SENIOR FRONTEND DEVELOPER, JUSTTRACK (APPLIKE GROUP) - NOV 2022 - APR 2023

- Implemented numerous features using cutting-edge technologies such as ReactJS, React Table, Tanstack Query, Redux, Material UI, and Rechart, enhancing the overall functionality and UI for a SaaS platform.
- Played a pivotal role in ensuring product reliability and stability by contributing to E2E testing efforts using Cypress, resulting in improved software quality and user satisfaction.

### TECHNICAL PROJECT MANAGER - FREELANCER - FEB 2020 - SEP 2022

- Managed multiple projects simultaneously, ensuring timely delivery and alignment with client requirements and budget constraints.
- Coordinated a distributed team across various time zones, promoting effective communication and collaboration to achieve project objectives efficiently.
- Enhanced code quality and best practices through rigorous peer code reviews, encouraging a culture of continuous improvement and knowledge sharing within the team.
- Implemented Agile methodology Scrum to manage project workflows, track progress using tools like JIRA, and adapt to changing project requirements.

- Conducted project kickoff meetings, requirement gathering sessions, and periodic reviews with stakeholders to ensure project alignment and manage client expectations.
- Established high coding standards and best practices through comprehensive code reviews, maintaining maintainability and scalability.
- Created detailed project plans, including schedules, milestones, and resource allocations, to ensure timely delivery.
- Developed and maintained detailed project documentation, including project plans, progress reports, and post-project evaluations.

#### **TECHNOLOGY LEAD - INFOSYS - JAN 2019 - DEC 2019**

- Facilitated Scrum meetings including daily standups, sprint planning, and retrospectives, ensuring project alignment with the roadmap and timely delivery.
- Played a key role in project initiation by actively participating in kickoff meetings, scrum calls, and sprint planning sessions.
- Took charge of creating and maintaining project documentation, including test cases, KCD, Root Cause Analyses (RCA), and user guides, ensuring thorough project documentation.

#### **SENIOR SOFTWARE ENGINEER - SARLA TECHNOLOGIES PVT. LTD. - AUG 2017 - JAN 2019**

- Delivered clean, well-documented, and resilient code.
- Participate in daily calls with the client-side team to discuss the status.
- Deployment of the application on the client-server machines.
- Maintain KCD documents of all the modules of applications.

#### **SOFTWARE ENGINEER - LARSEN AND TOUBRO INFOTECH (LTI) - DEC 2013 - AUG 2017**

- Utilised SQL Profiler to monitor and analyse data and queries executed on the server, identifying potential performance bottlenecks and areas for optimisation.
- A comprehensive design and development project for creating service catalogs, featuring addition of users to different Active Directory groups after getting approvals using workflow activities and sending email notifications.
- Provided technical support promptly to maintain SLA adherence.
- Preparation of RCA document with fishbone or 5 why methods.

#### **SOFTWARE PROGRAMMER - NETWIN INFOSOLUTION PVT. LTD. - JUL 2011 - NOV 2013**

- Actively participated in the complete SDLC life cycle of web applications with .NET and SQL
- Deployment of application on IIS and schedule for backup and emails.
- Created a module using an SMS gateway that sends SMS on demand.

#### **SOFTWARE ENGINEER - UNITED TECTSA - JAN 2011 - JUL 2011**

- Built applications to access smart card and write data using Web UI and handheld devices.
- Prepared ATR utility which is used to automate the process of SCOSTA smart cards.
- Written an app for RFID tags to read via reader and process some tasks based on events.

#### **SOFTWARE ENGINEER - RELYON SOFTECH - OCT 2009 - APR 2010**

- Developed modules and crystal reports in ERP application in Visual Basic 6.0.
- Deployment of updated software and crystal reports to the client location.
- Helped end-users to fix issues regarding errors while printing reports and application usage.

## **Education**

Master of Technology in Computer Science, KSOU University, 2013

Bachelor of Computer Engineering, Pune University, 2009

Diploma in Computer Engineering, Maharashtra State Board of Technical Education, 2005

## **Certifications**

70-486: Microsoft Certified Professional Developer - Developing ASP.NET MVC Web Apps

70-564: Microsoft Certified Professional Developer - Designing and Developing ASP.NET Apps

70-562: Microsoft Certified Technology Specialist - ASP.NET Application Development