

# Raman Iyer, Senior Software Engineer

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## LINKS

[Github](#), [LinkedIn](#)

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## PROFILE

Senior Software Developer with 9+ years of experience building scalable web applications using React, TypeScript, JavaScript, and the MERN stack. Strong focus on front-end development, reusable UI components, and clean architecture. Experienced in leading small teams, guiding code migrations, improving workflows, and delivering high-quality features. Skilled in API integration, performance optimisation, testing, and modern tooling. Known for clear communication, problem-solving, and turning product ideas into working solutions.

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## EMPLOYMENT HISTORY

2020 — Present	<b>Senior Software Developer, Deuex Solutions Pvt Ltd</b>	Mumbai
<ul style="list-style-type: none"><li>Led and mentored a team of developers while working on a system architecture visualization tool for a stealth startup, improving clarity and decision-making across the project.</li><li>Built the complete visualization tool using <b>ReactJS, TypeScript, and Material UI</b>, and <b>created a scalable backend</b> that supports both <b>Node.js and AWS</b>, along with a <b>modular storage system</b> compatible with <b>Amazon S3</b> and the local file system.</li><li>Revamping and optimizing the visualization project's codebase to improve logic, code quality, and scalability for future features.</li><li>Leading the migration from <b>Redux to Zustand</b> to simplify state management, reduce boilerplate, and ensure better separation of concerns.</li><li>Supported Uber's Querybuilder project by <b>migrating traditional API calls to gRPC</b> and converting legacy class components into modern <b>functional components with hooks</b>.</li><li>Developed <b>"unQuote"</b>, an interactive learning game, using Unity and C#.</li><li>Built a breast cancer classification model in Python with <b>92% accuracy</b>, and generated reports as part of a data science project.</li></ul>		
2018 — 2020	<b>Full Stack Developer, Avendata Technologies</b>	Mumbai
<ul style="list-style-type: none"><li>Improved two major modules by rewriting and optimizing the codebase, resulting in better stability and improved client satisfaction.</li><li>Worked with a team of 7–8 developers to maintain existing systems, fix bugs, and support post-deployment activities.</li><li>Built modular backend logic and APIs to connect the .NET backend with the AngularJS frontend.</li><li>Created C# macros to extract data from legacy systems, reducing manual work by <b>80%</b>.</li><li>Prepared Excel reports to track and present data extraction statistics.</li><li>Collaborated closely with QA, QC, and data-extraction teams to enhance macro performance and accuracy.</li><li>Handled hotfixes and critical issues to ensure smooth delivery and a reliable client experience.</li></ul>		
2016 — 2018	<b>Software Developer, Zeus Learning</b>	Mumbai
<ul style="list-style-type: none"><li>Worked with a team of 10 to enhance Discovery Education's platform by improving modules and ensuring fully responsive designs.</li><li>Fixed bugs, optimized existing features, and improved module performance using <b>BackboneJS</b> and the MVC pattern.</li><li>Built responsive UI layouts with <b>Handlebars.js</b> and JavaScript.</li><li>Developed JavaScript utilities to generate styled Excel files from JSON data.</li><li>Recreated Excel formulas in a web simulation project, helping secure a long-term client.</li><li>Built a C# desktop application that reduced content creation time by <b>50%</b>.</li><li>Automated HTML and CSS generation from Word documents using <b>VBA and C#</b>, reducing designer workload by <b>50%</b>.</li></ul>		
2016 — 2016	<b>Intern - Game Development, Ayravat Software</b>	Mumbai
<ul style="list-style-type: none"><li>Created 3D assets and environment designs for a mobile game.</li><li>Rigged and animated human characters for cutscenes to enhance storytelling.</li><li>Designed complete in-game scenes such as the canteen and lift lobby to improve gameplay experience.</li><li>Produced character sprites in Blender for the game design documentation.</li></ul>		

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EDUCATION

2012 — 2016	Bachelors in Engineering - IT, Mumbai University <ul style="list-style-type: none"><li>• Graduated with <b>7.48 CGPA</b>.</li><li>• Gained a strong foundation in software development, computer science, and web technologies.</li></ul>
2011 — 2012	Higher Secondary Certificate, Model College <ul style="list-style-type: none"><li>• Passed with distinction.</li></ul>
2009 — 2010	Secondary School Certificate, SIA High School <ul style="list-style-type: none"><li>• Passed with distinction.</li></ul>

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SKILLS	ReactJS	Zustand
	Typescript	Node.js
	JavaScript (ES6+)	Express.js
	Next.js	MongoDB
	HTML5	REST APIs
	CSS3	Git & GitHub
	Material UI (MUI)	GitHub Actions
	Tailwind CSS	Playwright

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LANGUAGES	English	Highly proficient	Marathi	Highly proficient
	Tamil	Highly proficient	Japanese	
	Hindi	Highly proficient		

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COURSES	Professional Certificate Course in AI and Machine Learning, E & ICT Academy, IIT Kanpur
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