

Sarthak Dabhi

Senior Software Engineer

About

With over 10+ years of experience, I have successfully participated in multiple applications' complete product development lifecycle. I am eager to deliver mission-critical technology and business solutions at scale. I led the migration of legacy monolithic web apps to micro-services, built and managed teams of engineers, and identified and resolved bottleneck processes. My expertise in AWS architecture has allowed me to reduce yearly engineering costs.

Experience

Senior Software Engineer - Tebra (PatientPop), Los Angeles May 2021 - Present

- Architected and led four major systems: AI reviews replies (OpenAI integration), Practice Content Management System (event-based system), Website Builder (React SSR technique), and website widgets.
- Developed features such as content version history, testing on a preview of the websites to maintain reliability, and using S3/cache as the data source to create scalability.
- Crafted a few major components, such as a single component for multiple forms from tree-structure JSON like Google Form.
- **Key achievement:** Migration of a newly acquired product from an Israeli company. The task involved leading and transforming the system from a monolithic architecture to an event-based structure. The process was laden with many cross-team challenges that required deft problem-solving skills to overcome.

Software Development Lead & Architect - RxPrep, Los Angeles Jun 2018 - May 2021

- Communicated with stakeholders and customers to identify MVP requirements
- Conduct interviews and hire engineers to build a small coordinated team, tackle all challenges and build products from scratch to serve thousands of students everyday for their exams.
- Built modern microservices applications from traditional monolithic apps, using VueJS, ReactJS, PHP, MySQL, MongoDB, AWS services.
- Integrated third-party tools and APIs such as Stripe, TaxJar, Amazon MWS, Respondus LockDown Browser, ZenDesk, ElasticSearch, Algolia, FreshDesk, Sentry, and Slack.
- Built mobile app using Ionic Framework for Android and iOS
- **Key achievement:** I have reduced yearly ~\$100k engineering cost with new AWS architecture by bringing DevOps in-house and using low-cost third-party services.

Senior Software Engineer - Sooryen Technologies, India Oct 2016 - Jun 2017

- Delivered financial software solutions such as SaveDay, Cetera, Kapitall, FolioDynamix
- Built web applications using Angular, ExtJS, and mobile applications using React Native and Ionic Framework.

- Designed and developed RESTful APIs using Laravel PHP, Python, MongoDB, and PostgreSQL.
- Deployed micro-services using Docker and built scalable SaaS infrastructure.
- **Key achievement:** Worked and delivered 3 projects in the same period.

Senior Software Engineer & Product Manager - Wwhere, India Apr 2015 - Jul 2016

- Started as the only engineer in the startup, made an MVP to get initial funding and hired engineers and built a team of 10+ experts, including software engineers, interns, and UX designers.
- My team and I built the entire software using AngularJS, PHP, PostgreSQL, DynamoDB, AWS services, and ElasticSearch.
- Pitch the idea at startup fairs and coordinate product launch campaigns.
- **Key achievement:** This was my first exposure to AWS services. I developed and deployed a product until the startup was acquired.

Game Developer - Educational Initiatives, India Jun 2014 - Apr 2015

- Designed and developed 30+ adaptive educational games with HTML5 Canvas, ThreeJS, BackboneJS, and AngularJS.
- Detailed assessment reports for millions of records using R script.
- **Key achievement:** Designed a template for screen-based HTML5 Canvas games widely used in the company.

Education

Master of Science in Computer Science - 2019

California State University - San Bernardino

Bachelor of Technology in Computer Engineering - 2013

Dharmsinh Desai University, India

Tech-stack, tools, and skills

AWS services, UI/UX, JavaScript, TypeScript, ReactJS, VueJS, Angular, PHP, Laravel, Phalcon, Python, Go, JAVA, MySQL, ReactNative, Ionic Framework, TailwindCSS, BootstrapCSS, SaaS, Webpack, Agile Methodology, Micro-services development, Pivotal Cloud Foundry Platform (Gradle, GitHub), Status tracking tools (Jira and Trello), Status tracking tools (Jira and Asana), Project management, Time management, Leadership, Strategic Planning, Docker, GraphQL, Ionic Framework, SEO.

Learning

Machine Learning, Artificial Intelligence, Kubernetes

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