

Damodaran S

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[Blog \(Medium\)](#) [@dsz340](#) . Visa status: H1B [G Scholar](#)

[CSharpCorner](#) [ExtremeJS](#) (conf talks) [IEEE](#) (publication) [Patents](#) (Dynamic Link preview)

Membership: *IEEE Senior, MIET, Sigma Xi (Full Member)*

Summary: Dedicated & accomplished full stack engineering leader with 10+ years of experience in building scalable systems & driving multiple projects to strong outcomes.

Technical Expertise (Summary of Tech Skills):

Typescript	Java
System Design	Software Architecture
Web development & Front End	Web Bundlers - Webpack, Rollup
Micro Frontends	Routing
Javascript	SPA
Node JS	Redux
Express JS	SQL
Chai	Jest
Mocha	Testing-library
Karma	Marko
Sinon	React, React router
Chrome Headless, Puppeteer	Babel
Lighthouse	XState
Responsive Design	Site Speed and Web Performance
Rest APIs and Microservices	Accessibility
App monitoring	End to End Testing (Webdriver IO, Playwright)
Swagger	eBay Cloud (similar to Azure / AWS)
Design Patterns	State Machines
SQL	CSS & HTML
Spring Boot	GraphQL
Git	Jenkins
Web services	User Interface Design

Education: Anna university, B.E Electronics and Communication Engg, 2008

Awards:

- eBay Critical Talent award
- [Titan awards 2024 \(Platinum - Best UX PaaS\)](#)
- [Best of State 2024 \(Utah\)](#)
- [Stevie Awards ABA 2024 \(Gold - Best UX Paas\)](#)

Company: eBay Inc., (Draper, UT)

Title: Staff Software Engineer (Feb 2020 - Present)

Areas worked: Isomorphic Javascript (Node JS on server & Client side Javascript)

Achievements:

- Building eBay's refurbished experiences across various points in the customer journey.
- Built eBay's Warranties platform to deliver warranty information about items during various points in the buyer customer journey.
- Built a large volume seller onboarding platform to rapidly onboard eBay's large volume Refurbished & Restricted Category sellers
- Built a metrics based approval platform for eBay's BU's to be able to approve, block, allow, flag sellers in various categories and marketplaces.
- Built a real time metrics dashboard for sellers to be able to actively monitor their performances with data & visualization.
- Built a real-time streaming micro-frame based module on the Node BE to plug-in (server render and transclude entire refurb experiences) into domain pages with no dependencies.
- Oversaw the entire migration of repo's to Typescript in eBay's push for Typescript.
- Partnered & Led a project with Seller experience team to fix the buyer purchase history that now shows purchase made > 90 days ago.
- Delivered a talk at the Software Architecture Live conference, about eBay's Global Header platform.
- Currently evangelizing Model Based Testing within the organization.

Company: eBay Inc., (San Jose, CA)

Title: Member of Technical Staff (Feb 2017 - Feb 2020)

Areas worked: isomorphic Javascript (Node JS on server & Client side Javascript)

Achievements:

- Architected & Built eBay's Global Header platform & Universal Render Widget platform that collectively drive over 500M in traffic.
- Recipient of eBay's Critical Talent Award for 2020
- Modified eBay's Build system Lasso - to perform Low memory static builds instead of run-time builds. A CPU usage reduction of 40% & eliminated the need for app warmup.
- Modified eBay's Build system Lasso's outputs to make it compatible to web pack by flattening its module system using the Babel compiler, via AST modifications
- Modified eBay's Build system Lasso to produce an intersection of bundled dependencies, to be able to share Framework runtimes & reduce bundle sizes.
- Built eBay's Collectibles platform using the React ecosystem that now enables buyers to handle their trading card collection.
- Built eBay's progressively rendered (streaming & async render) SEO pages that drive traffic to BOTs to boost eBay's results in search.

Company: eBay India Dev Center

Title: Software Engineer 3 (Feb 2015 - Feb 2017):

Areas worked: isomorphic Javascript (Node JS on server & Client side Javascript)

Achievements:

- Built eBay's 60s listing platform - Bolt from scratch, that includes a canvas based photo uploader & editor for sellers to upload, edit and list item images
- Migrated entire C2C Selling Listing stack to ES6 & Node JS from JSP & Java
- Won the QE engineering award for engineering excellence in automating accessibility checks on eBay using PhantomJS

- Built and launched eBay's Pricing Guidance platform & the pre-sign in flows for the Bolt C2C Seller experience
- Won 2nd place in eBay India's Skunkworks Hackathon for the project - "Item Hedging"

Company: Cognizant

Title: Associate Projects (Oct 2008 - Dec 2014):

Areas worked: Java ecosystem (JSP, servlets, web technologies)

Achievements:

- Delivered web applications and experiences for Clients - ask.com (ask.com homepage redesign), dictionary.com (search river), paypal (merchant checkout experiences), BNP Paribas (migrating legacy apps to IBM Web sphere), JP Morgan Chase (virtualization of web services using iTKO Lisa).