Lakshmi Iyer Staff Full-Stack Developer

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PROFILE SUMMARY

- **Staff Full-Stack Developer** with **11 years** on **collaboration and personal finance products**, now a **Principal Full Stack Engineer** on **Confluence** at Atlassian, after 6 years on comparison and account features at NerdWallet.
- Works in languages (**TypeScript**, **Java**, **Kotlin**, SQL), front end (**React**, react-sweet-state), back end (**Node.js**, **GraphQL**, Spring Boot), data (**PostgreSQL**, DynamoDB) and cloud (**AWS**).
- Known for **cross-team feature design**, **GraphQL schema standards** and **page load budgets**, and writes the decision records that settle where logic lives: the browser, the backend for frontend or a service.
- Partners with **product and design leads**, **engineering managers**, **security** and the **platform teams**, and chairs the Confluence **architecture review** every other week.
- Mentors **6 senior engineers** working toward principal, calibrates the **full-stack interview loop** with hiring managers, and wrote the onboarding path for engineers joining Confluence.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Java, Kotlin, SQL
Front-End Frameworks & UI:	React, react-sweet-state, Atlassian Design System, Storybook
Back-End Frameworks & APIs:	Node.js, GraphQL (federated gateway), Spring Boot, REST, gRPC
Databases & ORMs:	PostgreSQL, Amazon DynamoDB, Redis, Elasticsearch
Auth, Payments & Integrations:	OAuth 2.0, OpenID Connect, role-based access control, webhooks, Plaid
Cloud & Hosting:	AWS (Lambda, ECS, S3, CloudFront), Docker, Kubernetes, Terraform
Testing, CI & Monitoring:	Jest, Playwright, Pact, Bitbucket Pipelines, Datadog, Sentry

EDUCATION

University of California, Los Angeles — **B.S. in Computer Science** — Los Angeles, CA · Sep 2011 to Jun 2015

WORK EXPERIENCE

Atlassian — **Principal Full Stack Engineer** — San Francisco, CA · Mar 2021 to Present

- Led inline comments on Confluence whiteboards across 4 teams, splitting the work into UI, API and storage milestones, and shipped on the planned date, with whiteboard comments up **23%** in the first quarter.
- Wrote the **GraphQL schema guidelines** for Confluence's federated API (naming, pagination, nullability, deprecation) and reviewed **140+ schema changes** from 11 teams against them in year one.
- Designed the comment storage model in **PostgreSQL** with per-tenant partitions and moved **1.3B existing comments** into it through dual writes and staged backfills, with no downtime customers could see.
- Set **page load budgets** for the Confluence page view and wired them into CI, then led fixes across the React bundle, the backend for frontend and caching, cutting p90 load time by **34%**.
- Brought **Pact contract tests** between the **Node.js** backend for frontend and 6 Java services into the release pipeline, cutting rollbacks caused by API mismatches from 7 a quarter to **1**.

NerdWallet — **Senior Software Engineer (joined as Software Engineer)** — San Francisco, CA · Jul 2015 to Feb 2021

- Moved the credit card comparison pages from a PHP and jQuery front end to server-rendered **React** with a shared component library, lifting card application clicks per visit by **12%**.
- Rebuilt account sign-in on **OAuth 2.0** and OpenID Connect with short-lived tokens and step-up checks before bank linking, cutting account takeover reports by **70%**.
- Built the **Plaid** account-linking flow and the nightly sync jobs behind it, with retries and alerts for broken bank connections, raising successful links from 71% to **86%**.