

Vinita Jain

Salt Lake City, UT 84102 (Ready to relocate) • (385) 436-5199

vinitajain319@gmail.com | [LinkedIn](#) | [Portfolio](#) | [Github](#)

EDUCATION

University of Utah, Salt Lake City, UT | Master of Science in Information Systems | GPA: 3.95/4

Jan 2024 - Dec 2024

University of Pune, India | Bachelor of Engineering in Computer Science | GPA: 3.73

June 2015 - May 2019

PROFESSIONAL EXPERIENCE

University of Utah | Software Engineer Intern | Utah, USA

Mar 2023 - Present

- Engineered the entire frontend of the Repay loan web application using **Angular 17**, integrating SSO login-based authentication with role-based authorization on routes and asynchronous handling using **RxJS**.
- Enhanced UI responsiveness** and reduced load times by 45% through **optimizing caching requests by leveraging Angular Query**
- Architected RESTful APIs using **Spring Boot 3**, ensuring robust performance and scalability, and **configured Spring Security for authorization**, enhancing application security.

Flipkart | Software Development Engineer | Bangalore, India

Oct 2021 - Sept 2023

- Developed Flipkart's cross platform e-commerce application, leveraging **React.js, React native, Typescript, Redux, Styled components**. Delivered robust production features, resulting in a **20% increase in monthly active customers**.
- Innovated ideas which would drive companies' user acquisition and retention with **minimal monetary investment and high ROI**.
- Built 20+ A/B testable features** that ran smoothly across Android, iOS and web platforms, achieving **50% success rate**, leading to **5-6% increase in Gross Merchandise Value(GMV)**.
- Formulated unit and integration test cases in **Jest** that **reduced bugs in features by 60%**.
- Provided **mentorship to 3 junior developers**, enhancing team productivity, and spearheaded code reviews to uphold and ensure coding standards.
- Achieved 9th place out of 200 teams in the **Flipkart Hackathon 2023** for using **OpenAI** to help users write reviews, enhancing precise recommendations and tagging for billions of products sold on the platform.

eQ Technologic | Software Engineer | Pune, India

July 2019 - Oct 2021

- Collaborated with a 7-member agile team to develop eQube-AG, a robust **API gateway** for the lifecycle management of migration solutions across various PLM and ERP systems, significantly improving migration efficiency and data consistency.
- Designed and built purge functionality on gateway and enhanced the UI with purged API metrics using **Highcharts**. The feature was **praised for excellence and served as a benchmark** for future designs, endorsed by the design team.
- Led the development of eQube-Designer, a **low-code/no-code** integration and migration platform, using **Backbone, jQuery, and Kendo** for the frontend, and Spring and SQL for the backend, streamlining complex data integration tasks.
- Crafted eQube-Designer's drag, drop and copy paste mechanism using gojs with 32% increase in interaction smoothness.**

SKILLS

Programming: Java, JavaScript, TypeScript, HTML5, CSS3, Node.js, Python

Libraries/Frameworks: Angular.js, React.js, React Native, ReactQuery, Redux, React Router, Jest, Spring Boot, Tailwind CSS, Webpack

Databases: SQL, PostgreSQL, database design, ER diagram modeling, Google BigQuery

Technologies: Git, AWS, Rest APIs, Docker, Microservices, CI/CD, Data structures & Algorithms

CERTIFICATIONS

AWS Certified Developer Associate – DVA-C02 ([link](#))

Aug 2024 - Aug 2027

- Serverless Computing, Lambda, API Gateway, DynamoDB, RDS, S3, ECS Fargate, EKS, CI/CD, EC2, Elastic Load Balancer, AWS SDK, SNS, SQS, Kinesis, Aurora, Step functions, AWS cognito.

PROJECTS

- Task Manager App:** Automated and created a task management app with **NodeJS, Express, MongoDB, React, React Hooks and Mongoose**. Integrated **secure JWT-based authentication** for user sign-up/login and full task management capabilities. ([link](#))
- Pet Adoption App:** Integrated **React, ReactQuery, React Hooks and React router** to enrich pet adoption application. Users can browse and adopt available pets. ([link](#))
- Airbnb booking journey:** Designed **conceptual, Logical/ER Model and physical database design** for Airbnb booking journey allowing for effective management of customer browsing journey, bookings, payment, confirmation and notifications. ([link](#))
- Chat App:** Aim was to understand **web sockets**. Developed using NodeJS, HTML, CSS and web sockets. Users can join a room and start chatting in the session. ([link](#))
- DVD Rental Warehouse:** Created a data warehouse and visualizations using **Azure Fabric and Power BI** with the public PostgreSQL DVD rental database; developed business questions, **dimensional models**, data pipelines, Lakehouse and Warehouse.
- BigQuery public data analytics:** Analyzed BigQuery datasets (san_francisco_bikeshare and austin_waste) using **SQL (CTEs, window functions, non-equi joins)** and created visualizations with Tableau.