

VIJAYA LAXMI

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Results-driven Senior Full Stack Engineer with a proven record of delivering scalable web applications and measurable impact—over \$4M in cost savings, 13% traffic reduction, and 80% improvement in photo upload success rates. Skilled in modern tech stacks, data-driven design, and leading cross-functional teams to ship complex, user-focused solutions end-to-end.

EDUCATION

Indian Institute of Information Technology, Una (Aug 2014 - Jun 2018)

B.Tech in Computer Science and Engineering

EXPERIENCE

Wayfair, Full Stack Engineer | Bengaluru, India

Jan 2024 – June 2025

• Incident Photo Portal:

- Designed and delivered a modernized photo upload experience, increasing the upload success rate to 80% by overhauling the legacy Incident Photo Portal.
- Led a team of 3 developers to implement the new portal using React, integrating features such as drag-and-drop uploads via React Dropzone and enhancing overall UI/UX.
- Collaborated cross-functionally with stakeholders across multiple teams and time zones to gather requirements, align on vision, and ensure seamless adoption.

- Developed **Unified Help & Contact Portal** with self-service features, achieving \$4M cost reduction through automated customer support and decreased agent contacts.
- Reduced monolith traffic by 13% by decommissioning legacy address and ticket controllers, enhancing system performance.
- Improved service code to make calculation of metrics like last free date for all types of shipments in a single service, reducing miscalculations and improving maintainability of code.

QuillBot, Full Stack Engineer (Chrome Extension) | Remote

Jan 2022 – Jan 2024

- Added support for rendering on block editors such as WordPress, used by over 20k users weekly.
- Increased extension compatibility by 30% across websites by developing an editor detection script with iframe support for the Quillbot extension.
- Achieved 2% increase in user grammar suggestion acceptance by implementing tone formality features in the grammar checker API to refine ML model outputs.
- Drove 12% growth in extension paraphraser usage through comprehensive data engineering, analysis, and A/B testing implementation using Amplitude.
- Enhanced user experience for 60,000 weekly users by integrating react-draggable library to enable Chrome app dragging functionality.

MIND, Software Engineer | Noida, India

Jul 2018 – Jan 2022

- Created app navigation (for easy onboarding) using Angular library ngx-joyride.
- Improved product quality by adding support of internationalization to the product.
- Integrated Office Online into application using WOPI protocol.

CDAC Bangalore, Software Engineering Intern | Bengaluru, India

June 2017 – Jul 2017

- Developed an Android application **C-SIGN**, enabling user identity verification using digital signatures and two-factor authentication.

SKILLS

Languages	TypeScript, JavaScript, Python, HTML5, CSS3, Java, C++, SQL
Frameworks	Next, React, Redux, Angular, GraphQL
Tools & Technologies	Amplitude, PowerBI, ELK Stack
Soft Skills	Leadership, Collaboration and Communication

PROJECTS

C-Sign

- Identifying user based on his/her digital signature created through application
- Application uses digital certificate to authenticate the user before displaying the related content
- Technology stack used: Android Studio, SQL, Java, XML, phpMyAdmin

Sentiment Analysis

- Application to analyze the user sentiment of reviews from a movie review website
- Technology stack used: Python, NLP, AI/ML, Naive Bayes