

# RASHMI BHASKAR

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## SUMMARY

Accomplished Software Engineer in Full Stack Web/Mobile, Data Science, Deep Learning & GenAI. Delivered solutions across e-commerce, fintech, and agrotech sectors with 1.5M+ daily users, enhancing business performance & user experiences. As a collaborative, product-focused and innovative professional, I'm ready to leverage my experience for a **Software Engineer** role.

## WORK EXPERIENCE

### **Greenstand** , Full Stack Developer - (Volunteer)

Aug 2023-Present

- Built responsive UI components, conducted tests to reduce bugs by 20%; skilled in ReactJS, NodeJS, Web APIs, Jest, Figma.
- Engaged with global engineering teams, contributed to code reviews, joint development efforts to enhance code quality, review designs, source control management, optimize workflow processes, testing and automation.

### **Credible Labs Inc.** , Software Engineer Intern

May 2022-July 2022

- Streamlined Credible's App Platform by creating dashboards that reduced the number of clicks to access data from 13 to 2 across 6 pages. This unified visualization significantly improved workflows and collaboration for development, operations, and sales teams.
- Revamped Credible's Code Release System with Slack notifications for 180+ developers, resolving visibility issues and merge conflicts; proficient in GraphQL, Ruby on Rails, Docker, CI/CD, Kubernetes, New Relic, AWS, RSpec testing.

### **Mindtree Ltd.** , Software Engineer

Jan 2020-July 2021

- Leveraged agile methodologies to develop highly responsive e-commerce and corporate web applications, collaborating cross-functionally across teams ; skilled in ReactJS, ReduxJS, NodeJS, Bootstrap, HTML5, CSS3, SCSS, Azure Cloud Services.
- Orchestrated the integration of end-to-end RESTful APIs for seamless booking flow on e-commerce platforms within a 2-month timeframe; proficient in Jest testing, SCRUM, and Google Analytics.
- Engineered virtual contact card feature for QR code-based contact addition, enhancing branding and analytics by 7%.

## ACADEMIC PROJECTS

### **Stock Market Web and Mobile Application** - [view project](#)

- Created real-time stock app with portfolio management, optimized performance across phases using Flask, NodeJS, AngularJS, SwiftUI, Google Cloud, FinnHub API, JQuery for unified dashboard on all devices.

### **Documents Searching : Information Retrieval** - [view project](#)

- Developed vector-based search store for accurate document retrieval using Weaviate, Docker, Python. Expertise in vector embeddings, indexing, similarity computation.

### **ScrimBot : an AI powered chatbot** - [view project](#)

- Created a contextual knowledge bank chatbot utilizing LLM for natural language processing, integrated Supabase for data management, OpenAI's API for advanced responses, and personalized its style with LangChain's PromptTemplate.

### **Breast Cancer Diagnosis** - [view project](#)

- Implemented L1-penalized Support Vector Machine with 96.8% accuracy on Breast Cancer Wisconsin dataset using Python, Pandas, Numpy, and Scikit-learn. Utilized K-means algorithm and Spectral Clustering achieving accuracies of 85% and 61% respectively for unsupervised learning tasks.

### **Crop Disease Detection** - [view publication](#)

- Developed AI mobile app for crop disease detection with 97% accuracy, aiding farmers in increasing crop yield by 15%; skilled in Python, Tensorflow, research Deep Learning, and Android,.

## EDUCATION

### **University of Southern California**, Master's, Computer Science

Aug 2021-May 2023

Courses: Analysis of Algorithms, Web Technologies, Security Systems, Machine Learning for Data Science, Information Retrieval and Web Search.

### **Dr. Ambedkar Institute of Technology**, Bachelor's, Computer Science and Engineering

Aug 2015-May 2019

Courses: Data Structures, Foundations of Artificial Intelligence, Computer Networks, Database, Operating Systems, Artificial Neural Networks.

## TECHNICAL SKILLS

- Programming Languages: Javascript / ES6, Python, Java, C/C++, TypeScript, Ruby.
- Frontend: React.js, Angular.js, HTML, CSS/Sass, Redux, Express.js, Bootstrap, Material UI, JQuery.
- Backend: Node.js, Flask, Rails, MySQL, MongoDB, SQLite, PostgreSQL, JSON, GraphQL, Rest API.
- Developer tools: Amazon Web Services, GoogleCloud, Azure, New Relic, Jenkins, Docker, Kubernetes, Hadoop, Solr, CircleCI, Webpack, NPM, Kafka, Visual Studio, GitHub, Atlassian Jira, Figma, Selenium, Linux, Jest, Enzyme, Shell Scripts, ArcGIS

## LEADERSHIP AND INVOLVEMENT

- Co-created and led Salesforce Student Group at DR AIT, fostering hands-on learning, mentoring and industry connections through regular events and workshops.
- USC Viterbi Women in Engineering - Mentored 3 peers w.r.t current tech trends, and guided them with coursework and projects.