RASHMI BHASKAR

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WORK EXPERIENCE

Greenstand - *Non-Profit Organization developing technology to address climate change through digitizing environmental [services](#).*

Full Stack Developer - (Volunteer)   **Aug 2023-Present**
- Implemented 9 robust microservice API endpoints using Express.js and PostgreSQL, reducing front-end integration time by 40%.
- Refactored and modularized 25+ existing UI components, enhancing maintainability and improving codebase efficiency by 25%.
- Proactively collaborated with a 7-person team to participate in code reviews, design test automation, and improve productivity.

Credible Labs Inc. - *Digital lending [marketplace](#) that helps people compare loan options.*

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, and RSpec testing.
- Implemented an automated REST API validation process using Postman, resulting in a 70% decrease in manual testing efforts.

Mindtree Ltd. - *Providing software solutions to clients in the [travel](#) and [hospitality](#) domain.*

Software Engineer - (Full-Time)   **Jan 2020-July 2021**
- Leveraged agile methodologies to develop highly responsive and scalable e-commerce and corporate web applications that impact 1.5M+ daily users.
- Orchestrated the integration of end-to-end REST APIs for seamless booking flow on e-commerce platforms within a 2-month timeframe. Proficient in React.js, Jest testing, SCRUM, and Google Analytics.
- Engineered virtual contact card feature for QR code-based contact addition, enhancing branding and analytics by 7%.
- Implemented Node.js fallback feature to auto-email critical alerts, handling microservice errors and boosting reliability to 80%.

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
Activities: USC Viterbi Women in Engineering - Mentored 3 peers regarding current tech trends and guided them with coursework and projects.

Dr. Ambedkar Institute of Technology, *Bachelor's, Computer Science and Engineering*   **Aug 2015-May 2019**
Courses: Data Structures, Cloud Computing, Computer Networks, Database, Operating Systems, Object-Oriented Programming.
Activities: Co-founded and led the Salesforce Student Group at DR AIT, fostering hands-on learning, mentoring, and industry connections through regular events and workshops.

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, Python, C/C++.
- Frontend: React.js, Angular.js, HTML, CSS, Sass, Redux.js, Bootstrap, JQuery.
- Backend: Spring Boot, Node.js, Express.js, SQL, PostgreSQL, GraphQL.
- Other tools: AWS, GCP, Kafka, Docker, Kubernetes, Git, Jenkins, Hadoop, CircleCI, Webpack, Jira, Selenium, Jest, Linux.
- Certifications: Salesforce Administrator, Salesforce Service Cloud Consultant.

PROJECTS

Stock Search Web and Mobile Application - [view course project](#)
- Developed an intuitive Angular.js and Node.js-based web application that leverages the Finnhub API to enable seamless stock searching, watchlist management, portfolio tracking, interactive charting, and a unified dashboard on all devices.

Single Sign On User login   - [view personal project](#)
- Developed a full-stack Flask-based web application that integrates user authentication with the Auth0 platform, authorizing users to log in, view their profiles, and interact with a protected API.

ScrimBot: An AI-powered chatbot - [view personal 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.

Crop Disease Detection - [view publication](#)
- Created an 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.