

Ragini Karuturi

✉ Email | 📱 Mobile | 🔗 LinkedIn | </> LeetCode | 🏆 HackerRank | 🌐 GitHub | 🌐 Portfolio

SKILLS

- **Languages:** C, Python, Java, TypeScript, JavaScript, Rust, Go, Elixir, Haskell, Dart
- **Backend & Frameworks:** Node.js, GraphQL, REST APIs, Phoenix, Flutter
- **Data Technologies:** PostgreSQL, MySQL, MongoDB, Kafka
- **Tools & Platforms:** Git, GitHub, GitLab, Firebase, Protobuf, Postman, Bruno, Linux, Dynamics 365

EDUCATION

- **Shri Vishnu Engineering College for Women (A)** 2022 – 2026
Bachelor of Technology – Information Technology; CGPA: 8.89
- **Sasi Junior College** 2020 – 2022
Intermediate; Percentage: 96.3%
- **Sasi E.M. High School** 2019 – 2020
Matriculation; Percentage: 98%

EXPERIENCE

- **Junior Software Engineer, Dhan AI** Aug 2026 – Present
 - Developed a customer-facing telecom portal for business users to manage accounts, contacts, payments, and billing invoice comparisons, reducing reliance on support agents.
 - Built an integration layer across backend microservices to expose unified APIs and implemented RBAC and Firebase Authentication for secure access and permissions.
 - Developed organization account and contact management features, invoice comparison, and caching to improve response times and reduce redundant backend calls.
- **Software Engineer Intern, Dhan AI** Jan 2026 – Jul 2026
 - Developed scalable backend services and RESTful APIs for a customer-facing telecom platform using Node.js and TypeScript, with request validation, structured error handling, and API integrations.
 - Worked across 3–4 microservices, understanding their architecture, communication flows, and dependencies while implementing database operations and backend features for platform workflows.
- **Software Engineering Intern, Google – Bangalore** May 2025 – Aug 2025
 - Worked on GPay Business Decline payment errors to provide immediate user feedback and help reduce TAFR to 5.5%.
 - Implemented full-stack changes across the monorepo, including Java backend orchestration and Flutter/Dart UI for server-driven feedback chips.
 - Defined Protocol Buffer schemas and event codes for structured feedback logging, and evaluated database technologies for the use case.

PROJECTS

- **RustGit** 🏆
A Git-inspired version control system built in Rust, supporting repository initialization, file tracking, commits, and revision history using content hashing to track changes and link commits
Tech Stack: Rust, File Systems, Data Structures, CLI
- **Eventure** 🏆
An RSVP application built using Phoenix LiveView, supporting event creation, seat reservations, organizer and attendee roles, and real-time interactions. Uses PostgreSQL to store application data.
Tech Stack: Elixir, Phoenix LiveView, PostgreSQL

ACHIEVEMENTS

- **Google WE Scholar:** Selected among the top 200 from 20,000+ applicants for the Women Engineers Program, offered by TalentSprint and supported by Google.
- **CMI Entrance Shortlist:** Shortlisted among the top 30 candidates in the Chennai Mathematical Institute entrance examination.