# Ronit Ghode

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## Education

**Pune Institute of Computer Technology** · June 2022 – May 2026

- SGPA: 8.82/10
- Bachelor's in Engineering Information Technology (B.E)

## Experience

**Full-stack Developer, Intern**, JMedia corporation, Dallas, USA · July 2024 - December 2024

- Refactored code for four existing applications to improve system loading speed and responsiveness; achieved a notable increase in user engagement metrics as users reported enhanced satisfaction rates within two months of implementation.
- Improved performance and scalability by refactoring code, applying efficient database query techniques, and implementing responsive web design best practices.Diagnosed and resolved technical issues, effectively delivering solutions within tight deadlines in a high-pressure development environment.

**Research Intern**, C-DAC Pune · Ongoing

- Collaborated with a multidisciplinary team to design and prototype innovative drone applications, enhancing agricultural practices through precision farming and data analysis.
- Developed a noise detection drone using Amazon S3 for data storage and Amazon SNS for real-time alerts. Implemented real-time data processing, noise filtering algorithms, and cloud-based workflows.

## Projects

**Skill-Share** · [GitHub](#)

- Skill-Share is a web application designed to facilitate a platform for users to exchange and learn various skills collaboratively. It connects individuals based on their skills and learning interests, promoting a community-driven approach to skill development.
- Engineered a robust web application utilizing ReactJS and Node.js, enhancing user engagement by integrating real-time chat features through Socket.io while maintaining secure JWT authentication for over 500 active users.

**Lost And Found** · [GitHub](#)

- Lost and Found is a web application designed to connect individuals who have lost items with those who have found them. It simplifies the process of locating and reclaiming lost belongings through a streamlined and user-friendly platform.
- Engineered a comprehensive web application using ReactJS and Node.js, reducing search time by 25% through an optimized search and matching algorithm while ensuring secure user authentication with JWT for data protection.

**Skin-Care Recommendation** · [GitHub](#)

- Skin-Care Recommendation is a personalized skincare solution that provides tailored routines and product suggestions based on user inputs like skin type, concerns, and goals. The aim is to improve user satisfaction with a data-driven approach to skincare.
- Engineered a cutting-edge application using ReactJS, Node.js, and Machine Learning algorithms, delivering personalized recommendations while ensuring secure access with OAuth-based authentication.

## Technologies

**Proficient:** C++, Data Structure and Algorithms,REST APIs, React.

**Expertise** Javascript, MySQL, Git,Node.js, Express.js , Typescript

**Familiar** Java, MongoDB, AWS, Golang, Prisma

**Coursework:** Object Oriented Programming, Operating System, Database Management System.

## Achievements

- **Solved over 550** problems across various platforms, participated in more than **60 live contests**.
- Winner of the college-level round of the prestigious **Smart India Hackathon**, showcasing innovative thinking and technical expertise.
- Achieved 51st position out of 4500+ participants in Pulzion'23 (Oct) and secured 71st position out of 3500+ participants in Pulzion'23 (May).

## Coding Profiles

**Codeforces (ronitghode)** : Pupil- Achieved highest contest rating of 1202.

**Leetcode (ronitghode)** : Recognized among the top 10% of coders globally on LeetCode

**CodeChef (gaily ray 76)**: Two-Star With Rating of 1382.