

# POOVARASAN S

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Portfolio: poovarasan-portfolio.vercel.app | LeetCode: leetcode.com/u/POOVARASAN\_S\_29

## OBJECTIVE

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Eager to apply foundational technical skills and a collaborative mindset in a professional environment that values innovation, learning, and growth. Committed to contributing to strategic goals, enhancing team performance, and continuously developing both personally and professionally.

## SKILLS

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- **Programming Languages:** Java, JavaScript (ES6+), TypeScript, SQL
- **Frontend:** HTML, CSS, Bootstrap, ReactJS
- **Backend & Database:** Node.js, Express.js, REST API, MongoDB, MySQL
- **CS Fundamentals:** Data Structures & Algorithms (DSA), OOP, DBMS, Operating Systems
- **Tools & Deployment:** Git, GitHub, Vercel, Render
- **Soft Skills:** Teamwork, Communication, Problem Solving, Adaptability, Learning Agility

## PROJECTS

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### User Registration with JWT Authentication

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- Built a secure auth system with email verification, OTP recovery, and strong password validation.
- Implemented JWT login and password hashing using Bcrypt for enhanced security.
- Integrated Nodemailer for email-based verification and recovery workflows.
- Designed a responsive UI and improved form validation using ReactJS and Bootstrap.
- Handled user input sanitization and error responses to improve backend reliability and security.

### RentEasee - Yukthi Innovation Challenge 2024 - Team Project

[LinkedIn](#) | [GitHub](#)

- Developed backend with Node.js, Express.js, and MongoDB for user and vehicle APIs.
- Implemented business logic for registration, login, vehicle listings, and driver applications.
- Designed and managed MongoDB schemas with backend validation for secure data handling.
- Improved backend architecture, input validation, and optimized real-world data operations.
- Integrated middleware for authentication, error handling, and modular route management.

## EDUCATION

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**B.TECH IT (2022 - 2026)** - Hindusthan College of Engineering and Technology, Coimbatore | CGPA: 8.57/10

**HSC (2022)** - Government Higher Secondary School, Dharmapuri | 81.83%

**SSLC (2020)** - Government High School, Dharmapuri | 80.4%

## CERTIFICATIONS

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- Cloud Computing – NPTEL
- Web Development Internship – Motion Cut

## LANGUAGES

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- Tamil, English