

Deepak R

Tamil Nadu, Chennai

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About

Driven by a passion for technology and innovation, with proven expertise across software development, backend engineering, database management, and system monitoring. Highly adaptable and quick to grasp new technologies, consistently delivering scalable and robust solutions. Known for effective collaboration and a commitment to continuous growth,

Work Experience

Team Tamizhan

Full Stack Developer (Remote Intern)

Tamil Nadu, India
Nov 2022 – Aug 2024

- Built responsive UIs with reusable ReactJS components.
- Developed RESTful APIs using Node.js and Express.js.
- Managed MongoDB with efficient schema design and CRUD operations.
- **Tech Stack:** ReactJS, Node.js, Express.js, MongoDB, Git

Education

Agni College Of Technology

B.E in Electronics And Communication Engineering
Expected Graduation: May 2026

Tamil Nadu, Thalambur
Nov 2022 - Current

Projects

Sports Inventory Management System (MERN Stack, Git)

Govt. Project – SDAT, Kanyakumari District

March 2025

- Built for district-wide tracking of 10,000+ sports kit stock and distribution.
- Used by 98+ Panchayat Clerks, reducing manual tracking time by 40%.

Nocturnal Nutri (React.js, REST API, MongoDB Atlas)

Personal Project

April 2024

- Nutrition logging app helping users track meals and analyze food intake.

Women’s Health Monitoring Watch (Arduino, C++, Sensors, OLED)

Embedded Project

Feb 2024

- Wearable prototype predicting menstrual health indicators via sensor data.

TNEB Calculation (Next.js, D3.js, Chart.js)

Team Tamizhan

March 2023

- Power cost calculator tailored for TNEB consumers to estimate usage.

Skills

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|-------------------|---|
| Programming | Java, C, Python, JavaScript, TypeScript, SQL, React.js, Node.js, Express.js, HTML/CSS |
| Databases & APIs | MongoDB, RESTful APIs, Firebase, MongoDB Atlas |
| Tools & Platforms | Git, Shell (Bash/Zsh), Overleaf, Microsoft Office, Docker, Grafana |
| Soft Skills | Problem-solving, Engaging Presentation |
| Add-ons | Touch Typing – 85 WPM |

Languages

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|---------|--------------------------|
| English | Professional proficiency |
| Tamil | Native proficiency |

Achievements

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| 2024 | Rank 1, SkillRack Coding Platform In College |
| 2024 | Second Prize, Technoxian World Cup 2024 - Drone Rescue |
| 2024 | Runner Up, Agni Project Expo |