

# Ravi Mishra

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## FREELANCE & INTERNSHIP EXPERIENCE

### Robotics Software Engineer Intern | Sudo Yantra India Pvt Ltd

Apr 2025 – Current

I develop and maintain the core software that drives autonomous robots for solar panel cleaning. My work focuses on control algorithms, real-time navigation, and sensor integration to ensure efficient, and scalable robotic solutions.

### Full Stack App Developer | The Right Guru Pvt Ltd

Aug 2023 – Feb 2024

Built an Ed-tech platform using **MERN Stack and React Native** having features of paid and free quizzes, profile management, result analysis, study materials, bookmarks, offline downloads, notifications, in-app promotions and more. As well, deployed on Play Store.

### Backend Engineer Intern | MegaHoot Technologies, Inc

Nov 2023 – Jan 2024

Practiced backend and frontend skills in the background of a blockchain-crypto company. Also revised some complex techniques like **Tries and Monorepo**, primarily using React.

### Full Stack Web Developer | The Right Guru Pvt Ltd

Mar 2023 – Aug 2023

Designed and built 2 web projects:

#### ***Ekonopro.com | Economics Content Delivery:***

Built an economics content delivery site with blogs developed with **Next.js and Sanity.io**

#### ***Aksar.org.in | E-Counselling Platform:***

Developed an e-counselling booking platform with **Django** admin and **PostgreSQL** as DB.

### Frontend Web/App Developer | Yoour Helper

Feb 2022 – Oct 2022

Designed web pages and app screens using React and React Native frameworks for a chef providing start-up. Also integrated google map API, firebase for notifications and storage, and deployed the app on Play Store.

## EDUCATION

### Indira Gandhi National Open University

*Master's in Computer Applications (MCA)*

2023 – 2025

## TECHNICAL SKILLS

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| • <b>Frontend:</b> Next.js, React, React Native, Vue, Tailwind, Bootstrap, MUI, ShadCN, TypeScript | • <b>Databases:</b> MySQL, MongoDB, PostgreSQL, Prisma, Redis  |
| • <b>Backend:</b> Node, Express, Fastify, Django, Firebase, REST APIs, JWT Auth, Socket.IO, MQTT   | • <b>Tools &amp; DevOps:</b> Docker, Git, AWS S3 & EC2, Linux, Postman, Jira, Deployment, Cisco, Nginx |

## PROJECTS

- **Next-Portfolio – Next.js Portfolio integrated with Sanity CMS:** [GitHub](#)
  - Developed a personal freelancing style portfolio using Next.js + Bootstrap
  - Integrated Sanity CMS to build a journal section + Feedback form to email reader's opinion
- **Pac-man Game – Java Swing Pac-man [game installer](#):** [GitHub](#)
  - Built a cross-platform game that can be installed via installer. No JRE required.
- **Publicly – A Social Awareness App (in Progress):** [GitHub](#)
  - A Facebook style minimalistic app with WebSocket.io and Firebase Backend