

# Shakshi

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[github.com/shakshii2004](https://github.com/shakshii2004)

## Internship

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### Youth for Seva:

- Conducted interactive spoken English sessions, improving students' speaking and listening skills.
- Provided personalized mentoring, boosting student confidence and communication abilities.
- Collaborated with the teaching team to assess progress and tailor lessons to individual needs.

### Frontend Developer at CodSoft:

- Developed a responsive landing page, focusing on layout, design, and user experience.
- Built a personal portfolio website to showcase skills, projects, and resume with a professional and clean design.
- Created a basic calculator web application, implementing core arithmetic operations and interactive features.

## Projects

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### PG Dissertation Management System | *PHP, MySQL, HTML, CSS, JavaScript*

- Developed a role-based web application to streamline PG dissertation submission, evaluation, and feedback processes, improving communication between students and faculty.
- Implemented secure file uploads and personalized dashboards for real-time tracking of submissions and evaluations
- Enhanced transparency and efficiency, reducing administrative workload and improving user experience.

### Calendar Scheduler Chatbot | *HTML, CSS, JavaScript, APIs*

- Developed an AI-powered chatbot integrated with a calendar scheduler, enabling users to schedule meetings and receive reminders efficiently.
- Utilized APIs to fetch real-time data and provide personalized scheduling assistance, enhancing user interaction and engagement.
- Simplified scheduling tasks through natural language processing (NLP), automating reminders and improving workflow.

### Harass Alert | *HTML, CSS, JavaScript, TypeScript, ReactJS, NextJS*

- Developed an online platform to assist in real-time harassment alerts, providing users with a safe and anonymous way to report incidents.
- Implemented a user-friendly interface with HTML, CSS, and JavaScript to ensure seamless interaction and responsive design.
- Optimized website performance with ReactJS and NextJS, improving load times and delivering a seamless user experience.

## Achievements

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- Developed a real-time monitoring dashboard, enhancing system optimization enhancing system optimization by implementing Isolation Forest for anomaly detection and Python libraries like Pandas, NumPy and psutil.
- Contributed to the development of an AI-related patent, focusing on innovative solutions for real-time applications.
- Participated in Code-a-Haunt Hackathon, showcasing technical skills.
- Five Star Rating in Python on Hacker Rank.

## Certificates

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- **Python Pro Bootcamp (Udemy)**  
Python programming and advanced concepts.
- **Coursera: Computer Communications (University of Colorado)**  
Learned computer networks and communication protocols.

- **Responsive Web Design (Freecodecamp.org)**  
Gained expertise in building responsive websites.
- **Adobe Photoshop CC (Udemy)**  
Acquired skills in graphic design and image editing.

## Skills

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**Languages | Courses:** Java, JavaScript, C, C++, Python, HTML, CSS, DSA, OS, Networks, Architecture, OOPs.

**Frameworks:** PHP, Tailwind, Bootstrap

**Tools:** AUTO-CAD, SQL, Git-GitHub, Linux, Figma.

## Education

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**Lovely Professional University**

*Bachelor of Technology in Computer Science and Engineering (CGPA: 7.07)*

2023 - Present

*Phagwara, Punjab*

**R.R.S. College, Mokama**

*Higher Secondary Percentage: 73.2% (1<sup>st</sup> Division)*

2020 - 2022

*Patna, Bihar*