

Deepak Soni

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EDUCATION

National Institute of Technology, Raipur

Bachelor of Technology

- Major in Computer Science and Engineering (Cumulative GPA: 8.16)
- Relevant Coursework: OOPs, Operating System, Computer Networks, DBMS.

Delhi Public School

- Higher Secondary: 92 %

WORK EXPERIENCE

Optum (Optum Global Solutions (India) Private Limited)

Associate Software Engineer

Hyderabad

May 2023 – Present

100x AI Toolkit: 100xAI Toolkit empowers users to seamlessly discover, access, and leverage AI capabilities to enhance productivity and decision-making.

- Developed user interface using **Abyss (Inhouse developed Design System based on React), React, TypeScript, Java and Spring Boot**, leveraging modern web development practices.
- Applied **Searching feature, filtering feature** such that employees can get their tools efficiently.

Consumer Engineering Feedback Analysis: Advanced analytics platform for understanding customer feedback and driving improvements through AI-powered insights.

- Developed using **React, JavaScript, Tailwind CSS, Java and Spring Boot**.
- Built the website primarily using GitHub Copilot (~75% AI-assisted development), enabling faster prototyping and clean, consistent code.

Video Catalog: Video catalog is a centralized hub for all knowledge sharing session recordings within consumer engineering.

- Developed user interface using **Abyss, React, Typescript, Java and Spring Boot**.
- Added features for adding and updating videos, searching and sorting videos, and different screens for admins for editing and deleting videos.

Retro Intelligence engine: Retro Intelligence engine helps uncover key wins and pain points across consumer engineering.

- Developed user interface using **Abyss, React, Typescript, Java and Spring Boot**.

AI Agents: Created AI Agents using **Microsoft copilot studio** and using **Amazon Bedrock**.

- Created **Abyss Agent** using Microsoft copilot studio which uses abyss discussions as a knowledge source and give answers to our abyss related queries.
- Created **Onboarding buddy agent** using Amazon Bedrock which helps new joiners in our team to get all the knowledge they need to contribute to team as soon as possible and UI for this is created with **React and Tailwind CSS** and backend is in **python and FastAPI**.

AI Playwright Test Generator: Created a playwright MCP based test case generator application, which takes site URL and generate test case and write playwright spec file to test them as well and create excel sheet of all the things it has tested. This is built using openai APIs, typescript and playwright MCP server.

TECHNICAL SKILLS

- **Programming Languages and Frameworks:** React, Modern JavaScript (ES6+), Typescript, HTML, CSS, Tailwind CSS, Accessibility, CSS-in-JS, Advanced CSS (grid, flexbox), Abyss Design System.
- **Development Tools and others:** IntelliJ, Visual Studio Code, Swagger, GitHub Actions, Figma, Playwright, GitHub Copilot, Amazon Q, Postman, MCP Servers.
- **Testing:** Unit testing with Jest, E2E testing with Playwright.
- **AI Tools Exposure:** GitHub Copilot, Claude, Amazon Q, Lovable and ChatGPT

ACHIEVEMENTS

JEE Mains: Top 1 percentile in JEE Mains 2019 examination.

Class 12th CBSE Board: 1st Rank in School.

HOBBIES

- Playing Badminton.
- Learning about new tech advancements through YouTube.

LANGUAGES

- English
- Hindi