

SAGAR MAMINDLA

Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience in front-end development, now pursuing an MSc in Artificial Intelligence. Passionate about leveraging AI and machine learning to enhance user experiences and optimize system performance. Skilled in React JS, JavaScript, and Python, with hands-on experience in automation, data-driven applications, and AI integration. Eager to apply AI techniques to real-world challenges.

SKILLS

Programming & Development: Python, JavaScript, TypeScript, Node.js, Express.js, Core Java

Front-End Technologies: React JS, Next JS, HTML5, CSS3, Material UI, Bootstrap, Redux

Back-End & Databases: MySQL, MongoDB, RESTful APIs

DevOps & Cloud: Docker, CI/CD (Jenkins, GitHub Actions), Google Cloud

Testing & Automation: Jest, Mocha, Playwright, Postman

Project Management & Tools: Agile, Jira, Figma, Git

Others: AI & Big Data

WORK EXPERIENCE

Associate Software Engineer

New Relic, Hyderabad

Feb 2023 - Mar 2024

- Built reusable components for performance monitoring, cutting load times by 25%.
- Designed a domain validation landing page, increasing engagement by 35%.
- Led QA automation with Playwright and Jest, ensuring zero critical bugs post-launch.
- Streamlined deployment workflows, reducing configuration time by 40%.

Junior Level Engineer

XRG consulting pvt ltd, Hyderabad

Sept 2021 - Jan 2023

- Developed a Java-based backend service for user invitations, reducing manual follow-ups by 40%.
- Created a React JS modal for team invitations, enhancing user engagement.
- Documented API workflows with Swagger, cutting developer onboarding time by two weeks.

Internship trainee

Manac Infotech pvt ltd, Hyderabad

Mar 2021 - Aug 2021

- Gained hands-on experience in HTML, CSS, JavaScript, and web development principles.

EDUCATION

MSc Artificial Intelligence | *Part time - 2026*

Heriot-Watt University, Dubai, United Arab Emirates.

Bachelor of Technology | **Computer Science & Engineering - 2021**

Keshav Memorial Institute of Technology, Jawaharlal Nehru Technological University, Hyderabad.

PROJECTS

Website Performance Monitoring tool

- Designed a **React**-based monitoring product, optimizing load times and user experience.
- Built **reusable components** for enhanced efficiency across multiple projects.
- Link : <https://one.newrelic.com/website-grader>

Instant Observability page

- Developed a public landing page using **React** and **Next.js**, integrating third-party links for seamless accessibility.
- Ensured consistency with **Material UI** and **Bootstrap** for a responsive UI.
- Link: <https://newrelic.com/instant-observability>

Playwright Automation for User Management

- Created **Playwright** test cases and **Jest** unit tests to validate UI components.
- Improved reliability and code quality with automated testing.

Team Invitation service

- Developed a **Java**-based backend service for user invitations, reducing admin effort.
- Built a **React**-based UI component for seamless team management.

MediConnect360 – AI-Powered Hospital Management System

- Built a **hospital management system** with **Node.js**, **Express.js**, **MongoDB**, and **Docker**.
- Integrated an **AI chatbot** for patient inquiries and appointment scheduling.
- Implemented **CI/CD pipelines**, **version control**, and **Jenkins** for automated deployment.

CERTIFICATIONS

- **Meta Front-End Developer** : <https://coursera.org/share/51432707f6a45ac182e911d870bcb7bc>
- **Programming for Everybody (Python)** : <https://coursera.org/verify/YDHX5JHS4V9X>
- **Google Cloud (Associate Cloud Engineer)**:
<https://www.udemy.com/certificate/UC-0fe82b05-e2fa-408f-b63c-af55fbf34238/>