

# Deepak Jatoth

## Software Engineering

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## OBJECTIVE

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Highly motivated and detail-oriented aspiring Software Engineer with hands-on experience in DevOps support engineering, gained through a recent internship. Proficient in utilizing DevOps tools to streamline processes and enhance software delivery. Passionate about problem-solving and eager to contribute to innovative projects in a full-time software engineering role. Adept at collaborating with cross-functional teams to deliver high-quality software solutions. Demonstrates strong problem-solving skills and a commitment to continuous learning and professional growth in the field of software engineering.

## EXPERIENCE

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### Software Engineering ( Intern)

March,2024 – present

OpsMx - Hyderabad,Telangana.

#### Key Responsibilities:

- Provided technical support by diagnosing and troubleshooting basic issues related to infrastructure, application, and system performance.
- Monitored the health and performance of nodes and pods within Kubernetes clusters to ensure seamless operations and high availability.
- Monitoring and Performance Optimization, CI/CD Pipeline Development, Troubleshooting and Problem Resolution, Collaboration and Communication.
- Analyzed system alerts, performed initial triaging, and implemented runbook procedures to resolve common incidents.
- Collaborated with cross-functional teams to improve monitoring systems and optimize alert configurations.

#### Technical Skills:

- Basic Familiarity in DevOps tools such as GitHub ,Docker, Kubernetes,CI/CD pipeline creations,Jenkins.
- Experience with remote desktop tools such as Webex,Freshdesk,slack channel.

## EDUCATION

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### Bachelore of Technology in Computer Science and Engineering

August-2023

Malla Reddy College Of Engineering, Hyderabad.

### Senior Secondary Education ( XI )

March-2019

Shivani Junior College, Warangal

### Secondary Education (x)

March-2017

Sharada High School, Mahabubabad

## SKILLS

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- Devops tools
- Kubernetes
- Github
- Linux commands
- ArgoCd
- Core Java
- HTML & CSS
- SQL
- Adaptable and quick to learn new technologies
- Ability to work in a fast-paced, team-oriented environment
- Communication & collaboration
- Problem solving abilities

## PROJECTS

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### ➤ 3D MRI brain tumor detection system using deep learning

- A project aimed at developing a 3D MRI brain tumor detection system using deep learning. It discusses the importance of medical imaging, specifically MRI, for diagnosing brain tumors, and highlights the limitations of existing methods like K-means clustering. The proposed system uses a combination of CNN, LSTM, and fuzzy clustering models to improve the accuracy and efficiency of tumor detection.

#### Skills Required:

- **Deep Learning:** Understanding and implementing CNN and LSTM architectures.
- **Machine Learning:** Proficiency in clustering algorithms (e.g., K-Means, Fuzzy C-Means) and classification models (e.g., KNN).
- **Programming:** Experience with Python and MATLAB.
- **Medical Imaging:** Familiarity with MRI data and processing methods.

### ➤ E STORE BOOK MANAGEMENT SYSTEM USING WEB DEVELOPMENT

- **Description:** The E-Store Book Management System is a web-based application designed to manage the various functions of an online e-store Book. The system allows users to browse, search, purchase, and download e-books, while also providing an administrative backend for managing books, authors, categories, user accounts, and transactions.

#### Technologies Used:

- **Frontend:** HTML, CSS, JavaScript, Bootstrap, React for a dynamic and responsive user interface.
- **Backend:** Node.js with Express.js for server-side logic and RESTful API development.
- **Database:** MySQL for storing and managing data.

## CERTIFICATIONS

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- **Introduction to Continuous Delivery in GitOps using ArgoCD**  
Issued by: Akuity - Secure, Scalable and Simpler Argo | June 2024
- **Junior software developer**  
Issued by: SECTOR SKILLS COUNCIL nasscom | February 2024
- **web development**  
Issued by: Internshala Trainings | April 2022
- **tcs ion career edge -Young professional**  
Issued by: TCS iON | March 2022
- **Entrepreneurship Awareness Camp(EAC)**  
Issued by: Entrepreneurship Development Institute of India (EDII) | February 2020

## EXTRACURRICULAR ACTIVITIES

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- Volunteer for GNOSIS Gala college fest in 2023
- Participated in Dance in cultural activities.
- NSS coordinator in Blood Donation Camp at college in 2022.
- Industrial tour to coca cola company.