

HARINATH BOYA

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EDUCATION

Anurag University

Master of Computer Applications

Courses: Data Structures, Algorithms, Database Management Systems, Machine Learning, AI, Web Technologies

Hyderabad, India

2022 - 2024

Royalaseema University

Bachelor of Science in Computer Science

Courses: Programming Fundamentals, Object-Oriented Programming, Software Engineering

Kurnool, India

2019 - 2022

SKILLS SUMMARY

- **Programming Languages:** Java, Python, JavaScript, SQL, HTML/CSS
- **Web Development:** React.js, Node.js, Express.js, Spring Boot
- **Data & Analytics:** Power BI, Tableau, MS Excel, Data Visualization
- **Databases:** MySQL, MongoDB, Database Design
- **Testing & QA:** Selenium, JUnit, Postman, Manual Testing, Test Case Writing
- **Libraries and Tools:** Git, GitHub, Pandas, NumPy, OpenCV, Scikit-learn
- **Development:** MERN Stack, Full Stack Development, REST APIs, Microservices
- **Soft Skills:** Problem Solving, Team Collaboration, Technical Documentation, Project Management

EXPERIENCE

Full Stack Developer Intern - RJWADA Pvt Ltd, Delhi (Remote)

Duration: Oct 2024 - Jan 2025

- Developed and maintained responsive web applications using MERN stack (MongoDB, Express.js, React.js, Node.js), ensuring cross-browser compatibility and mobile responsiveness
- Implemented RESTful APIs and microservices architecture, improving system modularity and reducing API response time by 40
- Collaborated with UI/UX team to implement modern design patterns and components, enhancing user experience and reducing bounce rate by 25
- Integrated third-party services and APIs for payment processing, authentication, and data analytics
- Participated in daily stand-ups and sprint planning meetings, consistently delivering features ahead of schedule

AI Research Intern - AcmeGrade Pvt Ltd

Duration: Aug 2023 - Nov 2023

- Developed and implemented machine learning models for various classification and prediction tasks, achieving 90 accuracy
- Conducted extensive data preprocessing and feature engineering on large datasets, improving model performance by 30
- Created automated data pipelines using Python and SQL for efficient data collection and processing
- Implemented deep learning models using TensorFlow and PyTorch for computer vision and natural language processing tasks
- Collaborated with senior data scientists to optimize existing algorithms and reduce computational complexity by 45

PROJECTS

Face Identity Verification System - Tech Stack: Python, OpenCV, Machine Learning, Flask

Jan 2024 - Jun 2024

- Engineered an AI-powered facial recognition system processing 7,000+ images, achieving 95% accuracy in face detection
- Implemented robust security measures reducing unauthorized access attempts by 98%, enhancing system reliability
- Optimized system performance resulting in 40% faster processing time and 30% reduced memory usage
- Technologies: Python, OpenCV, Flask, Machine Learning algorithms, Image Processing techniques

Brain Tumour Detection System - Tech Stack: Python, TensorFlow, Deep Learning, OpenCV

Sep 2023 - Dec 2023

- Developed a deep learning model achieving 92% accuracy in detecting brain tumours from MRI scans
- Implemented data augmentation techniques increasing training dataset by 300%, improving model robustness
- Optimized CNN architecture reducing false positives by 85% and processing time by 45%
- Integrated system with medical imaging interface, enabling real-time analysis of patient MRI scans

E-Commerce Web Application - Tech Stack: MERN Stack, Payment Gateway Integration

May 2023 - Aug 2023

- Developed full-stack MERN application serving 1000+ daily active users with 99.9% uptime
- Implemented secure authentication reducing security vulnerabilities by 95% and ensuring data protection
- Integrated payment gateway achieving 100% transaction success rate with full PCI compliance
- Built comprehensive order management system reducing order processing time by 60%

CERTIFICATIONS

- Microsoft Certified: Azure AI Engineer Associate - Microsoft
- AWS Academy Cloud Architecting - AWS Academy
- Infosys Java Spring Boot Certification - Infosys
- C Programming Certification - Coursera

COMPETITIVE PROGRAMMING & ACHIEVEMENTS

- LeetCode Profile: Successfully solved 300+ problems across all difficulty levels
- Problem-Solving: Mastered advanced data structures, algorithms, and optimization techniques
- Testing Expertise: Developed strong debugging skills and edge case identification abilities
- Project Success: Led multiple successful project implementations with measurable impact