Mohammad Shariq Pir

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EDUCATION

JNTUH University College of Engineering   *Hyderabad, Telangana*
Science and Technology, Hyderabad   *Nov 2022 – Aug 2026*
B. Tech in Computer Science and Engineering
CGPA: 8.00

           Kupwara, J&K
Govt Boys Higher Secondary School, Hirri   *Nov 2021*
Class XII
Percentage: 95.6%

PROJECTS

E-Commerce WebApp   [Link]

Developed "**KashArt**", a MERN Stack-based e-commerce platform with integrated PayPal and card payment options, enabling seamless transactions and a user-friendly shopping experience for unique arts and crafts..

Chat Application   [Link]

Developed "**TulipTalk**," a MERN-based real-time chat app with Socket.io for instant messaging, JWT authentication, and responsive UI using Tailwind CSS. Supports private chats with message persistence.

Multiple Diseases Prediction System   [Link]

Developed a "**Machine Learning-based Multiple Disease Prediction System**" that analyzes patient data to predict the likelihood of various diseases like Diabetes, Heart Disease and Parkinsons Disease.

E-Learning Platform   [Link]

Developed a website named "**EduBag**" ultimate educational companion for students, offering comprehensive resources for students preparing for competitive exams like NEET, JEE, and more.

Penetration Testing Using Nikto   [Report Link]

Implemented a "**penetration testing workflow**" using the Nikto scanner to detect vulnerabilities like outdated software and misconfigurations. The tool automates scans and generates actionable reports. It enhances security testing with minimal manual intervention

Automated Security Testing Using Selenium   [Report Link]

Developed a user-friendly "**web application**" to automate common web security testing tasks. The system integrates Selenium for automation and BeautifulSoup for HTML parsing. It allows users to configure tests, run scans, and view results in one centralized dashboard.

TECHNICAL SKILLS

Languages: C, Python, R Programming, Java, HTML, CSS, JavaScript, Node.js, Dart
Libraries: React.js, NumPy, Pandas, Matplotlib, TensorFlow, Scikit-learn
Frameworks: Express.js, Bootstrap, Tailwind CSS, Flutter
Databases: MySQL, MongoDB
Developer Tools: Git, Jenkins, MS-Office, Visual Studio Code, Postman, GitHub
Coursework: Data Structures and Algorithms, DBMS, OOPs, Operating Systems, Computer Networks, Machine Learning, Artificial Intelligence, Natural Language Processing, Mobile Application Dev.

CERTIFICATIONS

Web Development : Successfully completed a 2 month Web development course on *Internshala*.   [Certificate]
OCI Generative AI : Completed *Oracle* Cloud Infrastructure Certification course on Generative AI.   [Certificate]
JAVA Programming - Beginner To Master : Completed a full core course of Java on *Udemy*.   [Certificate]
Machine Learning With Artificial Intelligence : Completed a course on Basics of AI/ML on *Alison*.   [Certificate]
TCS ION - Young Professional : Completed a 1 month course on professional skills via *TCS*.   [Certificate]

BOOTCAMPS AND WORKSHOPS

AIML Workshop : Attended a 2 days workshop on AIML at IIT, Hyderabad.   [Certificate]
NWBCSB 2025 : 5 days Workshop and Bootcamp on Cyber Security and Blockchain at IIIT, Hyd.   [Certificate]
IDE Bootcamp : Attended a 5 days Innovation, Design and Entrepreneurship bootcamp at SSM College of Engineering, Baramulla, J&K .   [Certificate]
GEN AI Workshop : Attended a 1 day workshop on GenerativeAI at JNTUH-UCESTH, Hyderabad.   [Certificate]