

POORNISHA K

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Salem, TamilNadu - 637501, India

PROFESSIONAL SUMMARY

- Detail-oriented IT graduate with a strong foundation in software development, Database Management, Software Engineering, Data Structures and Algorithms. Proficient in programming languages such as OOPs, Java, and C.
- Strong analytical and problem-solving abilities demonstrated through academic projects.
- Eager to secure an entry-level position and contribute to team success by helping achieve company goals.
- Capable of handling projects simultaneously with a high degree of precision.



SKILLS

- **Programming Languages:** Java, C.
- **Web Technologies:** HTML, CSS.
- **Database Systems:** MYSQL, DBMS
- **Data Analysis, Data Processing**
- **Good Written and Communication**
- **Teamwork and Collaboration**
- **Problem-Solving and Trouble-Shooting**
- **Microsoft Tools:** Word, Excel, Powerpoint.

EDUCATION

- **Velalar College of Engineering and Technology** June 2020 - May 2024
B.Tech - Information Technology
◦ GPA: 8.98
Erode, TamilNadu
- **Sri Vidhya Bharathi Matric and Higher Secondary School** May 2020
HSC
◦ Percentage: 74.5
Salem, TamilNadu
- **Sri Vidhya Bharathi Matric and Higher Secondary School** May 2018
SSLC
◦ Percentage: 92
Salem, TamilNadu

PROJECTS

- **Enhancing Data Security: The Power of Block chain Based Secure Computing** December 2023 - May 2024
Technologies: Java, Blockchain, HTML, CSS 
◦ Developed a file transfer system using Apache Common File Upload for increasing secure message transmission by 40% between users and a GlassFish server.
- Implemented digital signatures ensuring 100% integrity of messages and files during transfer.
- Designed Java Servlets to handle encrypted file requests and responses, enabling secure access and decryption of files.
- Integrated cloud server authorization for validating user data, managing encryption keys, and facilitating secure file downloads, reducing unauthorized access incidents by 30%.
- **Handwritten Digit Recognition** December 2022 - May 2023
Technologies: Python, HTML, CSS, Deep Learning 
◦ Collected and prepared datasets with 10,000+ images and curating MNIST dataset for training model using Python.
- Implemented image segmentation techniques to isolate and process individual digits from complex inputs.
- Extracted features and trained the model using Machine learning algorithm, achieving precise digit recognition.
- Achieved a 95% accuracy rate in digit recognition using deep learning algorithms.
- Deployed model to make predictions on new data, integrating it into web applications for real-time digit recognition with precision of 95%.

CERTIFICATIONS

- Completed training program on java by Spoken Tutorial Project, IIT Bombay.
- Completed internship in Flask with Python at Pantech E Learning.
- Successfully achieved certification in Introduction to Industry 4.0 and Industrial IoT through NPTEL with score of 69%.
- Participated in All India Women Hackthon'23 orgasnized by Shooting star Foundation.