

Helan Jenifer A

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EXECUTIVE SUMMARY

Computer Science Engineering graduate with a solid foundation in IT infrastructure, networking, operating systems, and cloud technologies such as AWS. Skilled in Java, SQL, data structures, and web technologies with strong problem-solving and analytical abilities. Quick to learn and adapt to new technologies, with a keen interest in infrastructure management and enterprise IT solutions. Seeking an opportunity as an Infrastructure Specialist to contribute technical expertise and support organizational growth.

INTERNSHIP

BICS GLOBAL- Full Stack Developer Intern

Jul 2024 - Aug 2024

Developed and deployed applications with Java Full Stack, supporting server, database, and troubleshooting tasks.

Build a Portfolio website using HTML, CSS and JavaScript, with version control via GitHub.

NSIC- Python with Data Science

Hands-on one week training in **Python, data analysis, and visualization** using **Pandas, Numpy, Matplotlib**.

PROJECT

Accurate Medical Diagnostics Through Machine Learning And Advanced Digital DNA Sequencing

Developed a machine learning-based system for accurate disease detection using digital DNA sequencing. Implemented predictive models on genomic data to improve early diagnosis and support personalized treatment using alternative solutions in medical systems engineering.

EDUCATION

Bachelor's Degree at Adhiparasakthi College of Engineering	2021 - 2025	CGPA: 8.59
Class 12th at Kumarappa Chettiars Memorial matric HSS	2019 - 2020	83.83%
Class 10th at Kumarappa Chettiars Memorial matric HSS	2017 - 2018	94.6%

TECHNICAL SKILLS

- Languages: Java, Python, SQL
- Web Technologies: HTML, CSS, JavaScript, React
- Tools: Git, GitHub, VS Code, Eclipse
- Operating Systems: Windows, basic Linux
- CS Fundamentals: OOPs, Cloud Computing, Networking, DBMS.

CERTIFICATIONS

Programming in Java in NPTEL	Microsoft Office Fundamentals
The Joy of Computing in Python in NPTEL	CISCO & Robotics
Data Science for Engineers in NPTEL	Neural Network & Deep learning