

# PUNYA SHREE H S

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## Profile

Aspiring Software Developer with expertise in Java, Spring Boot, RESTful APIs, and SQL. Skilled in building and deploying applications using Docker, Jenkins, and AWS. Quick learner with strong problem-solving skills, passionate about leveraging programming, automation, and cloud technologies to deliver scalable and efficient solutions.

## Education

Master of Computer Applications (MCA) Maharaja Institute of Technology	2023 – 2024 Mysore
Bachelor of Science (PCM) Maharani Science College for Women	2019 – 2022 Mysore

## Skills

**Languages:** Java, Python, SQL, PL/SQL

**Frameworks & Technologies:** Spring Boot, RESTful APIs

**Web Technologies:** HTML, CSS, JavaScript

**DevOps Tools:** Git, GitHub, Maven, Jenkins, Docker, DockerHub, Ansible, Terraform, Kubernetes

**Web Servers:** Apache Tomcat, Nginx

**Cloud Platforms:** AWS

**Operating Systems:** Windows and Linux

**Scripting Languages:** Shell/Bash Scripting

**Networking:** TCP/IP, DNS, VLANs, Subnetting, VPNs, HTTP/HTTPS, IPv4, IPv6, Firewalls.

## Projects

### Resume Parsing and Analyzing using NLP

Tech: Python, NLP, TensorFlow, Keras, Streamlit, MySQL, PyResparser, PdfMiner, Pandas, NumPy

- Developed an AI-powered tool to automate resume screening using NLP.
- Parsed resumes in multiple formats (PDF, DOCX, TXT) to extract key candidate information.
- Implemented a matching system to align candidate profiles with job requirements.
- Generated personalized skill-based recommendations to improve candidate-job fit.

**Outcome:** Reduced manual screening time and increased recruitment accuracy for HR teams.

### Web Application Deployment to Apache Tomcat with Docker and DockerHub

Tech: AWS, Linux, Git, GitHub, Maven, Jenkins, Docker, DockerHub, Apache Tomcat

- Automated end-to-end deployment of a Java web application to Apache Tomcat using Docker containers.
- Built and optimized Docker images, stored them in DockerHub for versioned deployments.
- Configured Jenkins pipelines for continuous integration and deployment (CI/CD).
- Deployed application on AWS-hosted Linux environment for scalability and reliability.

**Outcome:** Improved deployment speed and consistency by leveraging containerization and automation.

## Certificates

- Python Essentials 1 – Cisco, 2023
- Machine Learning – NPTEL, 2023
- DevOps and Java Full Stack Development Training – JSpiders, Bangalore