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 and teamwork 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) Maharanis 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, Prometheus, Grafana

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.

Flipzone: E-commerce Application using Java Spring boot
Tech: Java, Spring Boot, Hibernate, Thymeleaf, MySQL, Cloudinary, Razorpay, HTML, CSS, JavaScript, Bootstrap, RESTful APIs
- Developed a full-stack e-commerce platform replicating real-world online shopping with Admin and Customer modules.
- Implemented CRUD operations (add/edit/delete) for products using Spring Boot REST APIs, Hibernate ORM, and MySQL.
- Built user registration & login with email verification, ensuring secure customer onboarding.
- Designed a responsive, user-friendly UI with Thymeleaf, HTML, CSS, JavaScript, and Bootstrap.
- Enabled product browsing with search, filter, and pagination for enhanced usability.
- Integrated Cloudinary for product image storage and Razorpay for secure online payments.
- Delivered a fully functional e-commerce platform with seamless frontend–backend–database integration, demonstrating practical expertise in full-stack development, API integration, and cloud/payment services.

Certificates

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