Karan Taragi

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Work Experience

Tata Consultancy Services (TCS) — **Mumbai, Maharashtra**

Graduate Trainee | Multi Commodity Exchange Of India (Client Office) — *Aug 2024 - Jun 2025*

- Developed a **Spring Boot API** with **IBM Db2**, achieving reliable **T7 FIXML trade message latency tracking** and improved monitoring accuracy.
- Implemented **latency percentile calculations** and **SLA compliance tracking**, enhancing **system uptime** by **15%** and reducing downtime incidents.
- Conducted analysis on **OpenShift RMS microservices logs** and **pod health metrics**, identifying issues that cut **incident resolution time** by **20%**.
- Optimized backend workflows and tested APIs with **Postman**, reducing average **API response time** by **200ms** for smoother integrations.
- SpringBoot, IBM Db2, Apache Kafka, OpenShift, FeignClient, Postman, Microservices, RESTful APIs

Training Project MindStone – TCS Initial Training

- Automated deployments by containerizing services with **Docker**, achieving consistent and reliable **application runtime environments**.
- Built and configured **CI/CD pipelines** with **Jenkins** and **GitHub Actions** for **authentication APIs**, shortening release cycles by **30%**.
- Secured and integrated **MongoDB** with automated backup strategies, improving **reliability** and reducing **data recovery time** during failures.
- Monitored **container health** and **application logs**, boosting issue detection speed by **20%** and enhancing **system stability**.
- Collaborated in **Agile sprints** with cross-functional teams, streamlining **delivery workflows** and accelerating **feature delivery**.
- Docker, CI/CD (Jenkins/GitHub Actions), MongoDB, React, Django, Postman, Agile

EDUCATION

Graphic Era Hill University — *Aug 2021 - Jun 2024*
Bachelor of Computer Applications — *Graduation Date: Jun 2024*

Project Experience

Personal Project — **Haldwani, Uttarakhand**

Smart Email Assistant — *Jul 2025 - Aug 2025*

- Developed a **Spring Boot backend** to process emails, containerized with **Docker**, and integrated **Google Gemini API**, improving **automated response accuracy** and reducing **manual intervention**.
- Implemented **CI/CD pipelines** using **Jenkins** and **GitHub Actions**, automating **builds and deployments** to ensure **zero downtime** during releases.
- Enhanced production readiness by adding **observability features** (centralized logging, monitoring, alerting), increasing **system reliability** and reducing **issue resolution time**.
- Technologies: Docker, CI/CD, Spring Boot 3, Google Gemini API, Chrome Extension, REST APIs, Maven, Git

SkillMatch – Resume Parsing & Role Matching API — *Feb 2025 - Mar 2025*

- Developed a **Spring Boot application** using **Java 17** and **MongoDB** to parse resumes and calculate **job compatibility scores**, streamlining **recruitment workflows**.
- Built a **resume parsing API** with **Apache PDFBox**, automating **skill extraction** and reducing **manual screening effort** by **40%**.
- Containerized applications with **Docker** and implemented **CI/CD pipelines** (**Jenkins**, **GitHub Actions**), ensuring automated and reliable releases.
- Integrated **AWS services** (**EC2**, **Lambda**) to achieve **scalability**, **high availability**, and **production-grade reliability**.
- Technologies: Spring Boot, Java 17, MongoDB, Apache PDFBox, Docker, Jenkins, GitHub Actions, Maven, Git, AWS

Technical Skills

DevOps & Cloud: Docker, Kubernetes, Jenkins, AWS

Backend Development: Spring Boot, RESTful APIs, Django

Databases: MongoDB, MySQL, IBM Db2

Version Control & Build Tools: Git, Maven, GitHub Actions

Additional Tools & Concepts: Java, Python, Microservices, Postman, Swagger UI, Agile, Linux