**Priyanka Patil**

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**EXECUTIVE SUMMARY**

*Software Engineer with 14 years of experience delivering enterprise-scale applications across data center, automotive, and telecom domains.*

*Currently deepening the knowledge of product, data, and cloud strategy through* ***Master of Science in Information Systems*** *at the University of Washington’s Foster School of Business.*

**WORK EXPERIENCE**

**Dell Technologies Bangalore, India**

Senior Software Engineer Mar 2018 - Feb 2023

* Designed and delivered automation-driven microservices supporting 8,000+ servers, improving scalability by 30% and performance by 60% through Kubernetes-based architecture.
* Built and optimized RESTful APIs enabling automated device provisioning, firmware updates, and cluster-aware maintenance, reducing manual operations by 40%.
* Developed performance enhancing workflows using parallel processing, reducing system latency by 20% and improving reliability for large-scale customer environments.
* Implemented shift-left quality automation with 100%-unit test coverage, eliminating recurring critical issues and improving release stability for enterprise customers.
* Partnered with Product, Engineering, and Customer stakeholders to translate complex technical requirements into reusable, scalable solutions aligned with business goals.

**HCL Technologies Bangalore, India**

Technical Lead Jan 2015 - Jan 2018

* Collaborated with Toyota Motors stakeholders to analyze a legacy mainframe system and led the design and development of a scalable Java-based RESTful services framework, improving maintainability by 40%.
* Enhanced security compliance by integrating SonarQube scans that identified and resolved 100+ code smells and vulnerabilities, achieving a 90% reduction in critical security issues and improving code quality.
* Mentored and upskilled 5+ team members with non-Java backgrounds through targeted training sessions on Java, Spring, and Hibernate, accelerating their onboarding and increasing development productivity by 25%.

**iGATE Capgemini Bangalore, India**

Senior Software Engineer Mar 2010 -Jan 2015

* Developed loosely coupled portlets for multiple modules in a Nokia Solution Networks project, integrating them as plugins on the portal to enhance modularity and reusability.
* Utilized WebLogic’s “zero downtime” deployment feature to improve application availability, earning recognition from the client for minimizing service interruptions.
* Implemented caching and data compression techniques that accelerated page load time from 2 seconds to just 10 milliseconds, significantly enhancing user experience and earning special recognition from the client.
* Developed and enhanced the Trip Optimizer application for GE’s transportation project, delivering key feature upgrades that improved operational efficiency and optimized route planning.

**Icicle Technologies Mumbai, India**

Software Engineer Oct 2008 – Feb 2010

* Designed and developed core modules for an on-demand field service management system using Ruby on Rails, improving field operations tracking and task assignment efficiency.
* Implemented dynamic data visualization features using the GWT framework, enabling business leaders to make informed decisions through real-time charts and performance dashboards.

**SKILLS**

* **Programming & Scripting:** Java, Python, JavaScript, SQL
* **APIs & Integration:** RESTful APIs, Web Services, System Integrations
* **Automation & Tooling:** Git, Jenkins, Maven, JUnit, Mockito, SonarQube
* **Cloud & Containers:** AWS (EC2, S3), Kubernetes, Docker
* **Databases:** PostgreSQL, Oracle, MS SQL Server
* **DevOps & OS:** Linux/Unix, CI/CD pipelines, monitoring-aware development
* **Data Science & Analytics:** Regression Analysis (Linear, Random Forest), Time Series Forecasting, Predictive Modeling
* **Certifications**: AWS Technical Essentials

**EDUCATION**

**University of Washington - Michael G. Foster School of Business (In progress) Seattle, WA**

Master of Science in Information Systems May 2025 – May 2026

**University of Mumbai Mumbai, India**

Bachelor of Engineering in Electronics Jul 2003 – May 2007

**ADDITIONAL INFORMATION**

* Winner of 2025 Ascend Supply Chain Hackathon (sponsored by Cummins), driving the creation of an AI-powered, adaptive scoring model to advance inclusive and resilient supply chains.
* Speaker at Open Source India 2021, where I presented innovative blockchain-based solutions leveraging Ethereum for real-world applications.