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PARTH MODY

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EMPLOYMENT

	Priceline.com (A Booking Holdings Company)	
Senior Software Engineer Fintech		Jul 2022-Present
Technologies Utilized: Java 21, Spring, Spring Boot, GCP, JUnit, Mockito, DBeaver, Splunk, Launch Darkly, PagerDuty, NewRelic, PostgreSQL, Oracle, MySQL, GKE, CloudSQL, Apache Kafka, Aiven, Docker, Sonar		
- Led a team of four engineers in implementing new accounting and invoicing rules, ensuring system stability, onboarding vendor suppliers and improving financial reporting capabilities for 2 products (July 2023 - December 2024). - Led a team of 12 engineers for a cross-functional initiative to migrate legacy systems from Oracle and Informatica to open-source databases and messaging platforms; engineered Java functionality to replicate legacy processes and maintain consistent downstream output contracts (January 2025 - Present). - Designed and implemented a synchronised control service for task management across distributed pods. - Designed and implemented a schedule control library that would help with atomic scheduling of cron jobs in distributed environments with catchups and retries built in. - Ensured delivery of clean, well-tested code with comprehensive test coverage for new requirements and enhancements. - Designed and developed multiple internal library projects adopted across squads to enhance developer productivity and code reusability. - Conducted detailed code reviews to maintain adherence to coding standards and ensure quality deliverables. - Mentored and guided junior engineers, providing technical assistance and fostering skill development within the team. - Led Troubleshooting and resolving complex technical issues to maintain system reliability and performance. - Enhanced logging frameworks across multiple projects to improve monitoring, observability, and proactive issue detection. - Reduced cloud infrastructure costs through performance optimizations at both the code and Kubernetes configuration levels. - Refactored codebases across several projects using design patterns and clean code principles to improve flexibility, maintainability, and extensibility. - Integrated multiple systems with PagerDuty through Splunk alerts, enabling proactive on-call incident management.		

System Engineer ICICI Prudential Life insurance Ltd, New Business Team	Tata Consultancy Services	Jul 2019-Jul 2022
Technologies Utilized: Java 8, Spring, Spring Boot, AWS, Linux/Unix, JUnit, Mockito, SQL Developer		
- Delivered over 140 requirements with successful sprint demonstrations and implemented client-directed changes. - Designed and developed five Spring-based applications (three major, two minor) integrating Spring Boot, Spring MVC, WebFlow, and Hibernate. - Led user requirement analysis, system design, and development to enhance core web applications. - Optimized application performance, reducing a seven-page journey's processing time by 13 seconds. - Developed and supported more than seven automation utilities, reducing coding effort by over 70%.		

- Revamped 5+ major functionalities in collaboration with cross-functional teams to streamline workflows and resolve production issues within defined timelines.
- Identified, analyzed, and resolved more than 15 production and development bugs to improve system stability.
- Collaborated across teams and modules to ensure timely and effective delivery of change requirements.
- Analyzed, debugged, and documented over 10 workflow modules, providing clearer insights for business users.
- Serving as **Acting Team Lead** for the past six months, providing direction and mentorship to a six-member team.

ACCOLADES

- Winner of **Entrepreneurship Award**, Booking Holdings Hackcellence Award 2025 (277 participants)
- Participated in and productionised a parallel testing implementation in an internal hackathon

EDUCATION

BE in Electronics	Rizvi College of Engineering, Mumbai	Jul 2015-May 2019
• GPA: 8.00/10.00.		

ADDITIONAL ACTIVITIES

- Co-founded the IETE local chapter in College
- Chairman of the IETE local chapter for 2 years
- Multiple NPTEL Certifications
- **Oracle Certified Professional** Java Programmer
- **Splunk Certified** in Search Optimisation and Dashboards
- **GCP Certified** on Architecting with Google **Kubernetes** Engine

LANGUAGES AND TECHNOLOGIES

- **Languages and Libraries:** Java, Oracle (SQL and PL/SQL), PostgreSQL (SQL and PL/pgSQL), Hibernate, Spring, Spring Boot, Multithreaded Programming, Bash, Python
- **Technologies / Platform:** Google Cloud Platform (GCP), AWS (some services), Apache Kafka, Docker, Kubernetes, Linux/Unix, Splunk, PagerDuty, Launchdarkly
- **Hands-on Testing Libraries:** JUnit, Mockito, PowerMock
- **IDEs/Editors:** IntelliJ Idea, Eclipse, DBeaver, SQL Developer, Visual Studio Code, Cursor, Vim
- **Source Control & Code Review:** Git, SVN, GitHub
- **Documentation:** Good Knack for documentation and familiarity with tools like TWiki, Atlassian Confluence, Jive, draw.io & LucidChart