Neal Bhalodia

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Engineer and Release Manager with expertise in backend systems, automation, and enterprise-scale application delivery. Skilled at leading cross-functional teams, shaping technical strategy, and building tools that streamline workflows, accelerate developer productivity, and deliver measurable business outcomes.

EDUCATION

- **Computer Science B.S. – Towson University**
- **Economics B.A. – University of Maryland**

WORK EXPERIENCE

Senior Release Manager – Tata Consultancy Services | January 2024 – August 2025

- Led efforts to fully automate 100% of the manual steps in the release process, primarily utilizing SQL jobs and Azure DevOps (ADO), which significantly reduced human error and increased deployment efficiency.
- Cut production deployment time by 50% by optimizing and automating Azure DevOps pipeline components, leveraging ITIL best practices.
- Spearheaded releases for flagship insurance and underwriting applications by providing strategic leadership, mentoring cross-functional teams, and driving performance management to ensure excellence in execution and delivery.
- Built and deployed an Azure DevOps (ADO) pipeline covering 100% of Windows and web services, enabling automatic restarts of failing services and reducing reliance on the server support team during outage, significantly improving system uptime and responsiveness.
- Refined the release strategy and roadmap for flagship insurance and underwriting applications, ensuring alignment with Pacific Life's broader business objectives and technical requirements.
- Drove continuous process improvement initiatives to enhance the efficiency, reliability, and quality of AWD and MRAS releases, minimizing disruptions and maximizing system stability.
- Coordinated cross-functional efforts with development, QA, operations, and other stakeholders to ensure that AWD and MRAS releases are fully aligned with both business goals and technical readiness.
- Maintained comprehensive documentation for AWD and MRAS release processes, ensuring transparency and ease of knowledge transfer.

Release Manager – Tata Consultancy Services | August 2021 – December 2023

- Managed over 50 full release and LDR deployments, optimizing project delivery schedules with PMP methodologies.
- Led the deployment of AWD, MRAS, and supporting service applications on .NET Framework, streamlining release processes to reduce deployment blockages and save time.
- Implemented pre-deployment health checks in Azure DevOps pipelines, ensuring 100% server connectivity and reducing blockages by 30%.
- Resolved Java garbage collection memory issues, decreasing outages and system locks by 25% through server data analysis in Application Dynamics.

TECHNICAL SKILLS

- ***Languages:*** Python, Java, C#, SQL, HTML/CSS.
- ***Cloud/DevOps:*** AWS, Azure DevOps, Git.
- ***Tools:*** ServiceNow, Jira, Atlassian, Chrome Developer Tools.

PROJECTS

Context Management MCP Tool for Cursor/Windsurf – Entilex | September 2025 – Present

- Enhanced the MCP server's service request handling layer, enabling LLM-driven integrations in Cursor that cut execution time to a fraction of manual workflows.
- Built deeplink functionality for Cursor IDE, streamlining navigation and enhancing developer experience from the front-end of the Entilex context solution library.
- Partnered with the founding team on product ideation and feature road mapping, shaping early technical direction and user value propositions.
- Established a framework for experimentation and iteration, ensuring user feedback directly informed engineering priorities.

SPY/QQQ Trend System Dr. Wish GMI Indicator *Python Flask Polygon IO*

- Built a Python-based system that automates the General Market Index (GMI), tracking SPY and QQQ trends to generate daily market signals. (https://cultural-lacy-drwishgmi-fda43104.koyeb.app/)
- Designed the system to turn complex market data into actionable trading signals, bridging financial research and real-world execution.
- Automated daily data ingestion and signal updates using scheduled jobs and Python scripts, minimizing manual intervention and ensuring timely system outputs.
- Utilized the Polygon IO API to gather data such as 10-day new highs, composite moving averages, and other criteria for equities, ETFs, and funds in the NYSE and NASDAQ.
- Built a backtesting framework in Python to validate GMI-based trading signals against historical SPY/QQQ data, ensuring strategy reliability and refining execution rules.
- Developed custom Flask front end to fetch detailed daily data from the SQL Postgres DB.