Pranshu Nijhawan

Full Stack Developer & Cloud SME

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> Seasoned Technical Architect, bringing extensive expertise as a Full-Stack Developer and Cloud SME with high level proficiency in leading the entire product lifecycle of complex software solutions, from planning and design to development, implementation, and management.

Technology Proficiency

C#   Typescript   Python   .NET   Node.JS   React   Angular   SQL   NoSQL   AWS   Microsoft Azure

Databricks   Azure Data Factory

Certifications

- Microsoft Certified: Azure Data Engineer Associate
- Microsoft Certified: Azure Developer Associate
- AWS Certified: Developer Associate

Professional Experience

Senior Software Engineer 2
McKinsey & Company
🗓 January 2024 - Present

→ Spearheading the development of Proof of Concepts for pivotal requirements, with a keen focus on Requests for Proposals (RFPs) and innovative brainstorming features.

→ Crafting comprehensive End-to-End Architectures for all significant features and enhancements, ensuring a seamless blend of cutting-edge solutions.

→ Conducting a thorough examination of low-level design architectures, encompassing Design Patterns, Best Practices, and tooling implementation for optimal operational efficiency.

→ Orchestrating the management of the Future Architecture Runway to optimise the product roadmap, ensuring efficient and on-time deliverables.

→ Leading a team of 28 Engineers, comprising 5 tech leads and 23 developers ranging from Junior to Senior levels.

→ Engaging in diverse tuning exercises, including Performance Benchmarking, Cost Optimisation (both in team and software infrastructure), and initiatives such as System Re-Design and Re-Architectures.

Senior Engineer
McKinsey & Company
🗓 March 2022 - December 2023

→ Drive the design and development of innovative Marketing & Sales products for global Retail and CPG clients, focusing on Enterprise Pricing Strategy and Promotion Optimization.

→ Leading a team of Nine Engineers, including Full Stack, Data, Test, and DevOps Engineers, developing high-performance GraphQL Microservices with Node.JS, Typescript, and React for UI components within a Micro-Frontends Architecture.

→ Manage the creation of complex Data Processing Pipelines for Batch/Stream Processes, utilizing Azure Databricks and Azure Stream Analytics, ensuring efficiency and reliability in data processing.

Principal Engineer
Condeco
🗓 April 2021 - March 2022

→ Develop high-impact technical solutions for robust applications, ensuring performance, stability, and scalability. Prototype and create proof of concepts (POCs) following best practices and clean code architecture.

→ Manage the entire application lifecycle, including requirement analysis, development, testing, and deployment. Provide estimates with end-to-end delivery timelines, release phases, and supporting information. Oversee post-release improvements and maintenance.

Senior Engineer
Nagarro
🗓 December 2019 – April 2021

→ Develop diverse web and cloud applications for Nagarro clients across domains such as E-Commerce, Employee Management, and Inventory Systems, utilizing expertise in Angular, Ionic, and .NET Core, while adhering to Microservices Design Architecture and SOLID Principles.

→ Establish comprehensive CI/CD pipelines in alignment with modern Cloud Computing concepts, incorporating PaaS Ideology for Resource Provisioning, Automated Scaling, Monitoring, and Alert Systems. Implement Database Architecture using Code-First/DB-First Approach, employing EF Core and SQL Scripts for schema creation and stored procedures.

Software Engineer
Condeco
🗓 September 2018 – December 2019

→ Lead the design, development, and enhancement of Condeco's Workspace Management Platform, Condeco Enterprise, integrating meeting room and desk booking software with touch screen solutions for an innovative workplace transformation.

→ Develop highly scalable and extendable microservices using both serverless and traditional paradigms, while managing DevOps infrastructure creation/maintenance, including CI/CD pipelines (YAML, ARM Templates, PowerShell, and Azure CLI), and documenting application-level changes with Data-Flow-Diagrams. Additionally, contribute to SQL architecture design by writing stored procedures and building SQL agent jobs.

Associate Software Engineer
Gartner
🗓 May 2017 – August 2018

→ Spearheaded the design and development of ClearForce, Gartner's Survey Platform, a cutting-edge employee engagement SaaS product suite utilizing Microsoft Technologies, encompassing UI/Functional enhancements and bug fixes.

→ Established SQL architecture by crafting Stored Procedures (SPs) and implementing SQL agent jobs for automated interactions between the tool and database.

Educational Qualifications

- B.Tech, Computer Science and Engineering
  Maharshi Dayanand University
  🗓 2012 - 2016