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TECHNICAL SKILLS:

Domain Expertise: Insurance Domain Software Architecture, Claims Management Systems, Vehicle Repair Workflows, Restoration Workflows, Insurance Domain Workflows
Backend Engineering: .NET Core, .NET 4.8, ASP.NET Core, C#, Web API, Microservices, SQL Server, PL/SQL, Entity Framework
Cloud & DevOps: Azure (Service Bus, Redis Cache, Blob Storage, Functions, DevOps, Repos), AWS (S3, Code Pipeline, CI/CD)
Frontend Dev: React JS, JavaScript, HTML5, CSS3
AI & Velocity: GitHub Copilot, Cloud Code, AI Development Agents, Automated Refactoring
Leadership: Technical Team Leadership, Onsite-Offshore Coordination, Stakeholder Management, TDD, DDD

Mohit Kumar Sharma

Accomplished, hands-on Technical Lead and Senior Engineer with over 15 years of experience designing, coding, and delivering high-concurrency cloud architectures and full-stack solutions. Deep domain expertise spanning large-scale insurance ecosystems—including Property & Casualty (P&C), automotive restoration/vehicle repair networks, claims management, and healthcare/funeral insurance platforms.
A collaborative leader proficient across all phases of the SDLC (Waterfall, Agile/Scrum, and Mobbing) who excels at writing clean, high-performance code following SOLID principles while optimizing engineering velocity.

WORK EXPERIENCE

Organization- Cotality (Nextgear) (04/2021–Present)
Role- Senior Advanced Software Engineer | Team Lead | Individual Contributor

Core Delivery & Cloud Architecture
Description: Driving active development, architecture modernization, and end-to-end product engineering within specialized insurance CRM, restoration workflow platforms, and high-volume data-handling systems. Balancing strategic team leadership and technical ownership to maximize delivery speed and codebase scalability.
Responsibilities –

- **Active Development & Architecture:** Directly architected and authored mission-critical cloud workflows and high-performance messaging systems using Azure Service Bus and Redis Cache to process high-volume transactional data.
- **CRM & Core Delivery:** Engineered highly responsive features for specialized insurance CRM and workflow platforms, tracking asset restoration lifecycles from initial claim ingestion to final sign-off.
- **Code Delivery & Innovation:** Spearheaded storage scalability initiatives using Azure Blob and AWS S3, writing cost-effective and highly scalable back-end services.
- **Delivery Optimization:** Revolutionized the SDLC by integrating GitHub Copilot and custom AI agents into the development workflow, boosting team engineering velocity and accelerating delivery cycles by 20%.

- **Team Leadership:** Actively code-led and acted as Scrum Master for a high-velocity engineering team, facilitating daily agile ceremonies, removing technical blockers, and ensuring predictable sprint delivery.

Environment: .NET Core, ASP.NET Core, C#, Azure Service Bus, Azure Redis Cache, Azure Blob Storage, AWS S3, Azure Functions, Logic Apps, DevOps, Repos, GitHub Copilot, Vue 3 (Pinia), React JS.

Project: DASH Connect – Restoration Business Management
Client: CoreLogic

Description: A cloud-based restoration business and job management solution designed to optimize shop efficiencies. Built with seamless third-party API integration capabilities (DASH Connect) to facilitate smooth, real-time documentation and global data exchange. Served as a Core Senior Developer within a high-velocity 5-developer engineering team.
Responsibilities –

- Designed core workflows, presented architectures to key stakeholders, and secured approvals from principal architects.
- Collaborated directly with PMs/POs during initial design phases to shape future Program Increment (PSI) requirements.
- Coordinated across multiple development teams to map dependencies, remove impediments, and execute cross-team code reviews.
- Address Non-Functional Requirements (NFRs) and integrated GitHub Copilot/AI agents into the pipeline, boosting engineering velocity by 20%.
- Authored highly responsive backend services integrating Azure Service Bus for messaging, Azure Redis Cache for scalability, and Azure Blob Storage alongside AWS S3 for cost-effective file management.

Environment: .Net Core, Web API, .Net Framework, C#, TFS, SQL Server, API Integration, PL/SQL, Azure Redis Cache, SendGrid, AWS CI/CD Pipelines, AWS S3, Entity Framework (ORM), Vue.

Organization- Infogain (06/2010–04/2021)
Role: Technical Lead & Onsite Coordinator

Project1: Vehicle Insurance Claim Connect
Client- Mitchell International
Role: Team Lead / Senior Developer and Onsite Coordinator
Duration: May 2017 – March 2021

Description: A collaborative communication workflow solution allowing collision repair facilities, insurance staff, and independent appraisers to transact assignments, estimates,

photos, and supportive documentation efficiently outside a standard Direct Repair Program (DRP).

Responsibilities –

- Worked as a Core Senior Developer leading code contributions within a 5-developer Scrum team.
- Guided stakeholders through workflow approvals, reviewed cross-team code cleanup activities, and worked directly on system NFRs.
- Integrated complex REST APIs and robust PL/SQL code routines to ensure smooth data synchronization and reliable transaction handling.
- Managed cloud resource optimization using Azure Redis Cache, Azure Service Bus messaging systems, and Azure Blob Storage.

Environment: Rest API, ASP.NET, .Net Forms, API Integration, PL/SQL, Azure Redis Cache, .Net Core, C#, TFS, Oracle, JavaScript, CSS, Azure Blob, Azure Service Bus, React JS.

Project2: Photo Based Estimating
Client- Mitchell International
Role: Tech Lead / DOT NET Senior Developer
Duration: Jan 2015 – April 2017

Description: An automated triage functionality introduced into Mitchell WorkCentre. Upon First Notice of Loss (FNOL), the system auto-calculates scoring based on user inputs to deliver a direct photo-upload link, enabling rapid online claims estimation without requiring physical inspection.

Responsibilities –

- Acted as Primary Technical Lead bridging communications between US-based stakeholders and offshore engineering groups.
- Engineered the frontend interface utilizing React and Angular V 1.5 alongside .NET Web APIs.
- Architected backend data processing models using PL/SQL, Entity Framework, and Azure Service Bus.

Environment: Angular V 1.5, React, Asp.Net, Oracle, API Integration, PL/SQL, Azure Redis Cache, Azure Service Bus, Entity Framework.

Project3: Integrated Work View
Client- Mitchell International
Role: DOT NET Developer / Senior Developer
Duration: May 2010 – Dec 2014

Description: A secure, hosted business workflow module (IWV) that empowers collision repair facilities to manage everyday task configurations, photo-based assignments, and multi-step process flows via a highly customizable Personal Workspace.

Responsibilities –

- Heavily involved in the complete development and design of the platform's core interface.
- Implemented the advanced automated triage features for photo-based vehicle estimations.
- Partnered directly with the onshore Lead Architect to refactor and optimize code, enhancing application performance.
- Developed comprehensive test cases and unit tests to ensure high feature-reliability and solid TDD patterns.

Environment: React JS, ASP.NET, C#, Web Services, RESTFUL Services, HTML, CSS, Entity Framework, Azure Message Bus.

Organization- Netprophet Global Pvt Ltd (12/2006–06/2010)
Role: Software Developer

Project: Health Care and Funeral Insurance
Client- Orange Cross
Role: Software Developer

Description: An enterprise portal designed to deliver healthcare insurance services to consumers through an authenticated network of doctors and medical providers. The system verifies provider accuracy and benchmarks service qualities to ensure consumer access to elite medical groups.
Responsibilities –

- Participated in the end-to-end interface development applying strict OOP design rules and principles.
- Extensively used ASP.NET and Web Services to handle server-side integrations and provider verification checks.
- Conducted detailed application code refactoring to maximize system response times and lower server overhead.
- Built and executed structured integration test plans and code validation cases.

Environment: ASP.NET, C#, Web Services, HTML, CSS, Entity Framework, Azure Blob.

EDUCATION AND ACCREDITATIONS

- **Microsoft Certified Professional (MCP)** – Certified in 2007
- **Master of Computer Applications (MCA)** – UPTU University, Lucknow, India
- **Bachelor of Computer Applications (BCA) –** CCS University, UP, India