

# PIUSH KUMAR

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## SUMMARY

- Software Engineer with **7 years of experience**, blending **technical expertise and leadership** to drive scalable, high-performance solutions.
- Proven track record of **hiring, mentoring, and scaling teams**, successfully leading **India R&D operations** for iTero Scanner at Align Technology.
- Adept at **driving cross-functional collaboration across geographies and technology stacks** to enhance product understanding and innovation.
- **Seeking a role that blends engineering and leadership**, driving technical excellence, team growth, and scalable product development for a high-growth organization.

## SKILLS

- **Programming:** C#, .NET
- **Cloud & DevOps** – Aws, Azure, Terraform, Docker
- **Database & Messaging:** SQL Server, PostgreSQL, Redis, Kafka
- **Software Developments:** Microservices, Design Patterns, REST APIs
- **Testing:** Unit testing, Integration testing, component testing, Postman automation
- **Tools & Frameworks:** Angular, Entity Framework, Dapper
- **Security & Identity:** Auth0, WSO2, Azure AD, JWT, SSO

## EXPERIENCE

### Align Technologies | Backend & Cloud Engineer

**2022 – present | Hyderabad**

Technologies – C#, .NET, REST APIs, Aws, Microservices, Kafka, Redis, Terraform, Auth0, Angular

- Led the hiring, ramp-up, and mentorship of a new engineering team in India for iTero Scanner R&D, successfully scaling operations from the ground up.
- Led Align Technology's migration to Auth0, unifying user management across SQL Membership, WSO2, and Azure AD, improving security, scalability, and integration with iTero, Exocad, and Invisalign.
- Leading a team of software engineers to modernize iTero scanners' infrastructure, migrating from a monolithic architecture to a scalable, secure, and high-performance microservices based architecture, accelerating feature delivery and reducing time to market by 50%.
- Developed a one-click microservice setup, automating CI/CD, cloud integrations, and folder structures in under 5 minutes, reducing development efforts and ensuring uniformity.
- Established a centralized code repository for reusable integrations (SFDC, SAP, clinics/labs), reducing errors and accelerating microservices development.
- Established structured employees' growth opportunities, and skill development plans.
- Recognized with Trailblazer Award (Align Technology) – 2024 for driving teams forward through commitment, expertise, and a strong sense of ownership.

### CitiusTech Healthcare | SDE-I

**2021 – 2022 | Hyderabad**

Technologies – .NET, REST APIs, Azure, Azure DevOps, Docker, Terraform, Microservices

- Designed and implemented a distributed system platform for The Cigna Group, a leading U.S. insurance provider, to digitize the entire insurance claim journey, including claim initiation, verification, and approval.

- Led a team in **CitiusTech Hackathon 2021** to develop a prototype for **voice-enabled claims system** for elderly policyholders.
- Developed a centralized **Terraform repository** with reusable scripts and test cases to automate **Azure resource provisioning**, significantly reducing development effort and ensuring consistency.
- Proposed and developed the "Request Abandon" module, which automatically marks corrupted claim requests as abandoned. This **reduces manual data fixes, and reducing support costs**.
- Earned AZ-204 certification which validates my understanding of Azure services (PaaS)

## **Yash Technologies | Software Engineer**

**2019 – 2021 | Pune**

**Technologies** – Angular, .NET, C#, Azure, JWT, SQL Server, Entity Framework

- Developed **reusable Angular components** like custom paginators, state management, and modal services, ensuring consistency across applications. Set them up as NPM packages for easy adoption.
- Proactively took charge of **leading the UI development team** of 3 members during an unplanned absence of the designated lead, ensuring the successful delivery of a web application.
- Designed and developed a **complete end-to-end customer onboarding ecosystem** for **International Bank of Commerce (US)**, encompassing **details capture, product recommendations, and add-ons management** (credit/debit cards). Gained **hands-on experience** across **frontend, backend, database, Azure, and DevOps**, ensuring seamless integration and automation.
- Conceptualized the development of a **CRM application** for **International Bank of Commerce (US)**, securing a project from **IBC** and leading its successful execution within the **SLA**. This earned me the **Gladiator Award (Yash Technologies)** in 2019 for excellence in delivery and leadership.
- Integrated **unit testing, integration testing, and component testing** into the product, achieving **95%+ test coverage**, significantly enhancing **reliability and stability**.

## **Accenture | Associate Software Engineer**

**2018 – 2019 | Pune**

**Technologies** – Azure, SQL, C#, .NET, Angular

- Assisted in **gathering and analyzing project requirements**, to clearly understand of functionalities and created detailed documentation to streamline development and future references.
- Developed **complete modules**, handling both frontend and backend tasks.
- Wrote and executed **unit and integration tests**, following best practices to maintain quality.
- Worked closely with **senior developers, testers, and cross-functional teams**, actively participating in discussions, peer reviews, and knowledge-sharing sessions to enhance technical expertise.
- **Earned the Microsoft Certified C# Programmer (70-483) certification**, which validates my understanding of **programming fundamentals and system design concepts**.
- **Received the ACE Award (Accenture Celebrates Excellence)- 2018** for independently developing **complex modules** with minimal experience, showcasing **courage, ownership, and strong problem-solving skills** in challenging tasks.

## **EDUCATION**

### **Bachelor of Technology | KIIT University, Bhubaneswar**

**2013 – 2017 | Electronics & Telecommunication**