

# Sumedh Limburkar

+19195216128 | [slimbur@ncsu.edu](mailto:slimbur@ncsu.edu) | <http://www.linkedin.com/in/sumedh-limburkar> | <https://github.com/sumedh-git>

## SUMMARY

Software Engineer with **2+ years of experience** building **backend microservices**, automating **CI/CD pipelines**, and deploying **cloud-native** systems. Proven ability to deliver secure APIs, reduce operational overhead, and collaborate cross-functionally in agile environments. Recognized with the **Star Performer Award** for owning and scaling production systems. Currently seeking full-time SDE roles leveraging cloud, distributed systems, and backend technologies.

## WORK EXPERIENCE

Accenture Solutions Private Limited Pune, India

Software Engineer

Feb 2023 - Jun 2023

- **Mentored 4 junior developers** and streamlined onboarding, improving delivery speed by **15%**
- **Shipped 11+ features** in agile sprints, including **RESTful APIs** and **CI/CD pipeline enhancements**
- Integrated **AWS Cognito** to centralize user authentication and enforce fine-grained access control across services, reducing manual configuration errors and supporting compliance audits
- Implemented reusable **Spring Boot components** that accelerated service onboarding and reduced dev effort
- Reduced **deployment time by 30%** by redesigning CI/CD workflows and collaborating closely with DevOps engineers

Junior Software Engineer

Dec 2020 - Jan 2023

- Developed and optimized **RESTful APIs** and **Kafka** components, boosting throughput and reducing latency by **20%**
- Executed unit and integration testing using JUnit, achieving **90%** code coverage and significantly minimizing bugs across **12+** microservices
- Enhanced API response time by **20%** through SQL query optimization and backend logic improvements, ensuring a seamless user experience in high-traffic applications
- Produced in-depth **technical documentation**, and **API design**, leading to a **15%** reduction in support tickets
- Led **root cause investigations** in production outages, reducing recurring incidents by **25%**

## SKILLS

**Programming Languages:** Java, Python, Golang, C++, JavaScript

**Frameworks:** Spring Boot, Ruby on Rails, React, Kafka, GraphQL, Angular, FastAPI

**Cloud & DevOps:** AWS, GCP, Docker, Kubernetes, Jenkins, Terraform, GitLab CI/CD

**Databases & OS:** MySQL, PostgreSQL, MongoDB, Oracle, Windows, Linux

**Tools:** Git, Jira, Maven, Gradle, Swagger, Postman, JSON, JUnit

## PROJECTS

**DocuPilot AI-Powered Onboarding Assistant (Next.js + FastAPI + LLM)**

- Engineered a **FastAPI backend** that extracts file structures and metadata from uploaded codebase ZIPs, then uses a hosted **LLM (Claude API)** to generate contextual README files and onboarding checklists
- Developed the **Next.js 14 frontend** with App Router and Tailwind to allow seamless upload, preview, and interaction with generated documentation

**Cloud based E-Learning Platform Architecture (Architectural Design Project)**

- Architected a scalable e-learning platform on **AWS**, leveraging **Cognito** for secure access control, **API Gateway** for secure API management, and **S3** for cost-effective content storage and distribution
- Designed a schema for efficient data management with **RDS (PostgreSQL)** for structured data, **DynamoDB** for real-time access to frequently queried information, leveraging **Lambda** for scalable processing

**GitHub Insights Dashboard (Flask + React)**

- Built a **Flask backend** to fetch GitHub repo data via **REST** and **GraphQL APIs**, implementing pagination, filters, and design patterns for maintainable code
- Created a **React UI** to visualize contributors, stars, and commits, helping users explore project health and activity

## EDUCATION

North Carolina State University Raleigh, NC

May 2025

**Master of Computer Science**

**GPA: 3.9/4**

Courses: Design and Analysis of Algorithms, Software Engineering, Object Oriented Design and Development, Software Security, Database Management Systems, Cloud Computing Technology

Savitribai Phule Pune University Pune, India

Aug 2016 - Nov 2020

**Bachelor of Computer Engineering**

**CGPA: 8.81/10**

Courses: Advanced Data Structures, Object Oriented Programming, Fundamentals of Programming Languages