

BHARGAV RATHOD

Software Engineer

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[LinkedIn](#) • [GitHub](#) • [Portfolio](#) • [Leetcode](#)

SUMMARY

Experienced Full-Stack Software Developer with 6+ years developing scalable web applications using Python, .NET Core, Angular, and cloud technologies. Proven expertise in Data Structures, Algorithms, and System Design.

EDUCATION

Bachelor of Technology in Computer Engineering
Dharmsinh Desai University, Gujarat, India

2015 - 2019

CGPA: 8.29/10.0

TECHNICAL SKILLS

Core Competencies: Data Structures & Algorithms, Machine Learning, System Design, OOP

Programming Languages: Python, C#, TypeScript, JavaScript, SQL

Frameworks & Technologies: .NET Core & Framework, Angular 18+, Entity Framework, RESTful APIs

Cloud & Ops: MLOps, Azure and AWS DevOps, CI/CD Pipelines, Git, GitHub, Docker, Kubernetes

Databases: SQL Server, PostgreSQL, Oracle, Azure Cosmos DB

Tools & Utilities: Visual Studio IDEs, JIRA, NPM, Unit Testing, GenAI Copilots

PROFESSIONAL EXPERIENCE

Full-Stack Software Developer — DataArt (Client: IQVIA Healthcare) Apr 2024 - Present

- Building cloud-native Life Sciences and Healthcare solutions by developing machine learning models, microservices, scalable production systems - supported by CI/CD and MLOps pipelines.
- Enhanced user experience of critical healthcare applications by implementing optimized **state management** and **lazy loading**, improving average page load times by **45%** across key workflows
- Engineered **15+** reusable and responsive **Angular 18+** front-end components with **TypeScript**, reducing front-end development time by **30%** and improving code maintainability

Member of Technical Staff — EdgeVerve (An Infosys Company) Dec 2021 - Mar 2024

- Engineered core product modules using .NET Core, Entity Framework, Angular for SaaS and on-premises deployments with role-based access control (RBAC)
- Created unique REST APIs, database designs, and microservices architecture for multi-tenant applications
- Optimized database queries and implemented **caching strategies**, improving application performance by **40%**
- Achieved 89%+ code coverage through comprehensive unit testing and integration testing frameworks

Senior Systems Engineer — Infosys Limited Aug 2019 - Dec 2021

- Automated **10+** enterprise workflow solutions using **Robotic Process Automation (RPA)** for telecom and healthcare clients
- Integrated RPA solutions with backend systems and **APIs**, reducing manual processing effort by **92%**
- Implemented custom automation scripts and workflows improving operational efficiency and accuracy
- Collaborated with business analysts to gather requirements and deliver automation solutions within project timelines

Intern — Infosys Limited Aug 2018 - May 2019

PUBLICATIONS

A Comprehensive Comparative Analysis of Machine Learning Algorithms for Predictive Diagnosis of Cardiovascular Disease [Link](#)

International Journal For Multidisciplinary Research, Volume 7, Issue 6, 2025

PROJECTS

E-Requisition by IQVIA Healthcare — .NET, Angular, Microservices [Link](#)

- Developed core microservices and Angular components for a healthcare portal used by 1M+ global patients.
- Collaborated in microservice-based architecture, ensuring scalability and reliability across geographies

AI-Powered Roadmap Generator Platform — Next.js, PostgreSQL, LLMs, Tailwind CSS [Link](#)

- Integrated multiple LLMs (Llama 3, GPT-4o, Whisper Large v3 Turbo) for detailed roadmaps generation

AssistEdge RPA Enterprise Platform — .NET Core, Angular, Node.js, SQL Server [Link](#)

- Contributed to the SaaS and on-prem enterprise automation platform that serves 1M+ users with workflow automation

ACHIEVEMENTS & CERTIFICATIONS

Certifications: AWS Certified Cloud Practitioner (CLF-C01), Google Cloud Associate Cloud Engineer

Leadership: Led product releases for AssistEdge RPA and IQVIA solutions serving 1M+ users