TARUN BORICHA

Software Engineer | Full-Stack Developer

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SUMMARY

Results-driven Software Engineer with expertise in automation, AI integration, and full-stack development. Skilled in building scalable web scraping frameworks using C#, Selenium, and Azure OpenAI, reducing manual effort by up to 90% and boosting efficiency through modular, multi-threaded designs. Recognized for creating a AI scraping solution and delivering high-quality, Agile-driven solutions with a solid foundation in .NET, Angular, and MSSQL.

TECHNICAL SKILLS

Languages: C#, JavaScript/TypeScript, SQL, C++

Frameworks: .NET Core 6+, Angular 14+, Selenium

Cloud/Tools: Azure OpenAI, Git/GitHub, MySQL, MS SQL Server, CI/CD

Concepts: Web Automation, REST APIs, OOP, SDLC, Scalability, Distributed Systems

EDUCATION

8/2019 - 5/2023 — **Dhirubhai Ambani Institute of Information and Communication Technology** — **CGPA: 6.34/10**
- B.Tech. in Information and Communication Technology
- **Relevant Coursework:** Data Structures, Algorithms, DBMS, Operating Systems, OOP

EXPERIENCE

Jul 2025 – Present — **First American (India) | Software Engineer**
- Designed and developed an AI-assisted web scraping framework using C#, Selenium, and Azure OpenAI to address frequent layout-change issues across 3,000+ U.S. county websites.
- Achieved a 90% reduction in development effort while advancing AI-driven automation initiatives and enhancing overall system scalability.
- Further optimized solution by dynamically storing JavaScript scraping logic in a database as key-value pairs, minimizing OpenAI API calls and lowering operational costs by more than 80%.
- Worked in an Agile environment, consistently meeting sprint goals and recognized for ownership, problem solving and teamwork.

Jul 2024 – Jul 2025 — **First American (India) | Member Technical Staff**
- Developed a multi-browser scraping technique for 25+ U.S. county websites, automating property and tax data collection and reducing manual processing time by 90%.
- Created a reusable web scraping algorithm that standardized automation logic, reducing repetitive development work by 65% and improving maintainability.
- Implemented an internal scroll-bar adjustment algorithm to enhance data capture accuracy by 90%, ensuring reliable extraction across dynamic web layouts.

Apr 2024 – Jun 2024 — **First American (India) | Technical Trainee**
- Trained in Angular, ASP.NET Core, and SDLC best practices with real-world project exposure.
- Led a 5-member team in a full-cycle group project through complete development and deployment phases.

Mar 2023 – Jul 2023 — **Clomotech Pvt. Ltd. | Frontend Developer**
- Developed responsive UI components using Angular and collaborated with backend teams to integrate APIs.
- Improved website responsiveness and performance, contributing to smoother user and client experience.

PROJECTS

Web Application — **E-commerce Platform | Angular, Node.js, MySQL** — **Repo | Live**
- Built a full-stack e-commerce web app with Angular front-end and Node.js backend.
- Implemented search filters, JWT authentication, and responsive UI for seamless shopping.

Database — **HARDWARE MANUFACTURING TASK MANAGEMENT SYSTEM** — **Project Link**
- Designed database schema for workflow management system supporting 50+ concurrent users
- Enabled CRUD operations with optimized SQL queries reducing query execution time by 45%
- Improved resource allocation efficiency by 35% through real-time task tracking and reporting features

CERTIFICATIONS

10/2023 - 12/2023 — **FULL STACK DEVELOPMENT TRAINING** — **Certificate Link**
- Skills: React, JavaScript, MySQL, Express.js, Web Deployment

HackerRank — **PROBLEM SOLVING (INTERMEDIATE)** — **Certificate Link**
- It covers topics of Data Structures and Algorithms (such as Optimal Solutions).

ACHIEVEMENTS

- Received "Pat On The Back – Ingenious" award for developing an AI-driven scraping system, saving $50K+ annually.
- Qualified GATE – Computer Science with 75+ percentile.
- Earned 5-Star C++ Programmer rating on HackerRank (100+ DSA problems solved).