# HIMANSHU SINGHAL

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## SUMMARY

Results-driven Software Engineer with 8+ years of experience in software development. Proficient in .NET Core, ReactJS, and MySQL, with a strong background in software design, development, and optimization.

## WORK EXPERIENCE

**Senior Software Engineer**                                                                 Jul 2024 - Present
Haptiq Solutions                                                                 *Pune, Maharashtra, India*

- Led the migration of portfolio management software from ASP.NET Core MVC to Web API with React, modernizing the platform for enhanced scalability and performance.
- Refactored legacy codebases and implemented design patterns, improving code maintainability and readability.
- Resolved critical system issues, ensuring uninterrupted functionality and reducing downtime risks.
- Participated in system design discussions, ensuring optimal architecture and implementation strategies.
- Mentored junior developers, improving team productivity and adherence to coding best practices.
- Skills Used: ASP.Net Core 8.0, Rest API, OAuth, MS SQL Server, XUnit, MVC, Azure Identity

**Software Engineer 2**                                                                 Aug 2022 - Dec 2023
JustAnswer                                                                 *Bengaluru, Karnataka, India*

- Led full-stack development using .NET Core and ReactJS for customer-facing applications, significantly enhancing performance and user experience.
- Designed RESTful APIs using ASP.NET Core and Swagger, ensuring seamless third-party integrations.
- Engineered and customized landing pages and payment modules, improving operational efficiency and scalability.
- Built internal tools for campaign automation and keyword bidding, leveraging Entity Framework Core for optimized data handling.
- Implemented unit and integration testing to ensure high-quality, maintainable software.
- Skills Used: ASP.NET Core Web API, Entity Framework Core, MS SQL Server, ReactJS, JavaScript, HTML/CSS

**Senior Software Engineer**                                                                 Aug 2020 - Jul 2022
GlobalLogic India Limited                                                                 *Noida, Delhi-NCR, India*

- Designed and developed robust workflows using ASP.NET MVC, streamlining processes for PaaS EdTech clients.
- Created and optimized high-performance APIs with ASP.NET Core, enabling seamless third-party integrations.
- Optimized SQL Server performance, reducing query execution time by 30%.
- Resolved critical client issues within SLA, ensuring service continuity and satisfaction.
- Led code reviews and pair programming sessions, ensuring adherence to best coding practices.
- Facilitated team scrum activities as a Scrum Master, promoting effective collaboration and productivity.
- Skills Used: ASP.NET Core Web API, MVC, Dapper, MS SQL Server, Git, Unit Testing

**Senior Systems Engineer**                                                                 Jul 2016 - Aug 2020
Infosys Limited                                                                 *Pune, Maharashtra, India*

- Automated repetitive tasks using Robotic Process Automation (RPA), reducing manual effort by 60
- Developed software solutions tailored to client requirements, improving business operations.
- Created technical documentation and knowledge-sharing materials, improving onboarding efficiency.
- Skills Used: C#, Robotic Process Automation, Selenium, MySQL, ADO.Net

## INTERNATIONAL WORK EXPERIENCE

**RPA Specialist Engineer**                                        Aug 2019 - Nov 2019
Telstra                                                          *Melbourne, Victoria, Australia*

- Analyzed customer requirements to develop tailored solutions that addressed their specific needs.

- Designed and implemented process automation solutions, improving operational efficiency.

- Provided technical consulting for optimizing existing automation workflows and processes.

## EDUCATION

**PG Diploma in Computer Applications**, Guru Nanak Dev University (Amritsar, Punjab, India)    2021 - 2022
CGPA: 8.0

**BTech in Computer Engineering**, Punjabi University (Patiala, Punjab, India)    2012 - 2016
CGPA: 7.42

## SKILLS

**Back End Technologies:**  C#, ASP.NET Core, Web API, MVC, Microservices
**Front End Technologies:**  React.js, JavaScript, TypeScript, HTML5/CSS, Bootstrap, Tailwind
**Databases:**  MySQL, MS SQL Server, MongoDB
**ORM:**  Entity Framework Core, ADO.Net, Dapper
**Testing Frameworks:**  nUnit, xUnit, Jest
**Software Design:**  OOPS, SOLID Principles, Design Patterns
**Cloud & DevOps:**  Azure, Docker, Kubernetes, CI/CD, Git, Azure DevOps, Jenkins, Linux

## TRAINING AND INTERNSHIP

**DotNet Microservices Digital Academy**                           Nov 2021 - Apr 2022
GlobalLogic India Limited                                          *Noida, Delhi-NCR, India*
Skills Used: .NET Core, Middlewares, Microservices, Entity Framework, MongoDB, Ocelot, Identity, Dockerization, Kubernetes, Azure, Rabbit MQ

**Software Development Internship**                                  Jan 2016 - Jun 2016
Infosys Limited                                                   *Mysuru, Karnataka, India*
Skills Used: Python, Data Structures, C#, Web Development, SDLC, Agile Model, Business Communication

## PROJECTS

**Customer Question and Answer Platform**

- Participated in the development of a platform to connect users with experts from various fields such as healthcare, legal, automotive, and technology.

- Customized landing pages and payment pages, integrating Google Analytics for tracking and analyzing customer activity.

- Skills used: .NET Core, REST API, MySQL, ORM, Middlewares, TSQL, LINQ, Kubernetes, Swagger

**Educational Application and Management Portals Development**

- Developed new features for the admin portal and enhanced the student portal, enabling course applications and tracking, and improving functionality for colleges and universities.

- Skills Used: ASP.NET Core MVC, ASP.NET Core Web API, MS SQL Server, xUnit

**React News Website**

- Engineered a dynamic React single-page application delivering real-time news updates.

- Skills used: JavaScript, React, REST API, Bootstrap. Node, Multi-Threading, Asynchronous Programming