# PROFILE

Abhishek Singh

*Software Engineer (2+ Years)*

I'm a software engineer with professional experience in BFSI (Banking, Financial Services, and Insurance), adept at software analysis, design, and development using Microsoft Visual Studio and Visual Studio Code. Capable of developing both client-side and server-side applications.

# KEY HIGHLIGHTS

 Solving daily DSA problems in C and C# from [Project Euler [](https://projecteuler.net/archives) .  Improving my soft skills on a daily basis.](https://projecteuler.net/archives)

# TECHNICAL SKILLS

 Backend: C#, ASP.NET Core, ASP.NET Web API, and NestJS

 ORM: Entity Framework Core, ADO.NET, Identity EF Core, Dapper, Drizzle, and Prisma  Frontend: ASP.NET MVC, Angular, HTML, CSS, Bootstrap, JavaScript, JQuery, and AJAX  Database: PostgreSQL, Microsoft SQL Server, Oracle, and MySQL

 DevOps: Docker and Git

 AWS: EC2, Secrets Manager, etc.

 Other: C, Python, Microsoft Excel, etc.

# PROFESSIONAL EXPERIENCE

## Software Engineer

*NeoSOFT Pvt. Ltd.*

 Developing and maintaining ASP.NET Core and NestJS web applications  Complex queries, functions, procedures, etc. with PL/SQL

 Integrating ASP.NET Web API and NestJS API into Angular and MVC frameworks  Writing and testing code

 Python scripts with ASP.NET Core and NestJS  AWS services with ASP.NET Core

 Created PostgreSQL Database Server on AWS EC2 (using ubuntu commands)  Hosting ASP.NET Core images with Docker/Docker Compose over HTTPS

 Compiled the C program into a .dll file, then utilized it within a SQL function for execution

 Collaborating with cross-functional teams, including designers, project managers, and other developers, to deliver high-quality software products

## Web Designer

*XtrovertZ*

 Developed UI with Angular, HTML, CSS, Bootstrap, JavaScript, JQuery, etc.

 Prioritized and problem-solved several tasks concurrently with minimum supervision

# QUALIFICATION

## B. Sc. Computer Science

*Mithibai College*

70.96%

## H. S. C.

*Utkarsha Madhyamik Vidyalaya & Jr. College*

77.54%

## S. S. C.

*Jalbhai Dorabji Bharda High School*

85.40%

06/2022 – present

Prabhadevi

08/2019 – 01/2020

Malad

2019 – 2022

Vile Parle

2018 – 2019

Virar

2016 – 2017

Grant Road

# ADDITIONAL TRAINING

 Microsoft SQL Server Database Development: Online certificate course from Udemy  Scrum Fundamentals Certified: Online certificate course from ScrumStudy

 System Design & DSA: Learning from YouTube  C language: Learning from YouTube

# PROJECTS

## [Enterprise Operating System (1 Finance)](https://eos.onefin.app/)

[*Web Panel*](https://eos.onefin.app/)

 Have developed expertise in the logic behind mutual funds, liability management, insurance policy evaluation, health insurance, term insurance, cash flow projection, custom authentication & authorization (JWT), database versioning of input-output, surrender value calculator etc.

 Manual data scraping for insurance-related data  Done the analysis for insurance-related projects

 Generated FWP PDF using ASP.NET/NestJS and Python

 Formulated insurance policy evaluation formulas through research and development  I have incorporated third-party APIs into our application

 I am conducting research to develop a purchasing power calculator for recommending insurance plans (coverage) to our customers

 Compiled the C program into a .dll file, then utilized it within a SQL function for execution in PostgreSQL database

 Technologies: C#, ASP.NET Core v6.0, ASP.NET Web API, EF Core, NestJS, Drizzle, PL/SQL, C language, PostgreSQL, Angular, Python (to generate PDF), Microsoft Excel, AWS, etc.

## Corbet Scientific Operations Management

*Portal*

 The web application consists of admin and user modules, encompassing sales, back office, Purchase, and customer functionalities. Admin holds authority over CRUD operations involving products, categories, sub- categories, taxes, users, and stocks. Sales users handle customer data, credit limits, payments, orders, returns, and order progress tracking. Purchase staff manage product orders and supplier requests, leading to invoice generation, while the back-office team updates stock data accordingly.

 Technologies: C#, ASP.NET Core v6.0, ASP.NET MVC, EF Core, Microsoft SQL Server, HTML, CSS, Bootstrap, JavaScript, JQuery, AJAX, etc.

## Job Application Form

*Portal*

 The job application form allows users to apply for a job by filling in login, personal, educational, and job experience details.

 Technologies: C#, ASP.NET Core v5.0, ASP.NET MVC, EF Core, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, JQuery, AJAX, etc.

# PERSONAL INFORMATION

 DOB: 20-12-2000

 Martial Status: Unmarried

 Hobbies: Listening to music, watching movies & web series, and going on outings with family and friends  Languages Known: English, Hindi, & Marathi

# DECLARATION

I hereby declare that all the above-mentioned information and details are true to the best of my knowledge.

**Date: Place:**

**Abhishek Singh**