

# Vishruth Patil

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Senior Software Engineer with 9+ years of experience building scalable web and cross-platform applications using .NET, React, Next.js, and microservices architecture. Proven experience in decomposing monoliths, designing reusable components, and deploying cloud-native applications using Docker and Kubernetes.

## Skills

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**Languages & Frameworks:** C#, .NET Core, ASP.NET, React.js, Next.js, Angular, Xamarin, Flutter

**Backend & APIs:** REST APIs, GraphQL, Microservices Architecture

**Databases:** PostgreSQL, Redis, SQLite

**DevOps & Cloud:** Docker, Kubernetes, CI/CD, Git, TFS

**Testing:** Jest, NUnit, Stryker, Unit Testing, Integration Testing

**Tools:** Visual Studio, VS Code, Android Studio, Xcode

## Professional Experience

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Senior Software Engineer — **OpenText** | Apr 2025 – Present

Working on designing and developing reusable components using **Next.js**, integrated with **Optimizely's headless CMS architecture**, to support high-performance marketing web pages for OpenText. Actively contributing to efforts that streamline deployment workflows, helping the team bring new designs and products to market faster and more efficiently.

Software Technologist I — **Philips** | Oct 2021 – Apr 2025

Played a key role in decomposing the monolithic **Picix** application into well-defined, independent microservices such as Authentication and User Management, significantly enhancing the platform's scalability, maintainability, and overall performance. In parallel, contributed to the implementation of robust CI/CD workflows that automated build, test, security scanning, and deployment processes, resulting in faster and more reliable release cycles. Actively worked on container hardening initiatives by standardizing lightweight, secure Docker images based on Alpine Linux, reducing image size and improving runtime security.

Design and Development Engineer — **Siemens Healthineers** | Aug 2018 - Sep 2021

Worked as a Cross-Platform Application Developer on a Lab Assistant application designed for laboratory attendants, enabling seamless integration with the **Atellica** Solution. The application provided real-time insights, proactive alerting, and remote control capabilities, allowing technicians to take timely actions on connected devices.

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A key enhancement was the implementation of automatic device pairing based on preprogrammed network identifiers, significantly reducing setup time. Additionally, the application enabled technicians to initiate and manage maintenance tasks remotely and monitor reagent levels, with automated alerts for low inventory streamlining lab operations and enhancing overall efficiency.

In response to the launch of the **Rapid Antigen Test for COVID-19**, played a key role in developing a patient-facing application designed to simplify access to testing and enhance the overall user experience. The application featured a user-friendly and intuitive interface that guided patients through the testing process with minimal effort. It also included capabilities to capture and analyze test results, offering timely and actionable recommendations based on individual patient status.

Software Engineer — **Inherit Systems** | Feb 2018 - Jul 2018

Worked as an application Developer to build a healthcare application facilitating seamless interaction between patients and doctors. The app included features such as real-time chat, blood glucose and insulin tracking using **Apple HealthKit**, intake logging, enhancing remote care management.

Software Engineer — **Givevalu Technologies** | Jan 2017- Jan 2018

Worked on a cross-platform mobile application to develop a Parent-Teacher Connect app called **Eduawake** aimed at enhancing communication and transparency between schools and families. The application provided real-time visibility into students' daily activities, helping parents stay informed and engaged with their child's academic needs. It also enabled teachers to quickly and effectively communicate with parents. Designed specifically for schools and Playhomes, the app included comprehensive ERP features such as attendance tracking, digital mark sheets and daily timetables.

Android Intern — **Ak Aerotek** | Sep 2016 - Nov 2016

Worked on a project focused on developing an Android application for a client seeking to optimize delivery tracking for their business. The application enabled barcode scanning to capture product information and recorded the geographic location at the time of each scan. This functionality provided insights into delivery patterns and helped determine the quantity and distribution of products required across different areas of the city.

Web Intern — **Catchwiz Technologies** | May 2016 - Jul 2016

Contributed to the development of web page templates for the company's site, creating many templates over the course of several months. These templates spanned various categories, including cooking and shopping websites, and were designed to enable new businesses to quickly launch their online presence using customizable, pre-built layouts.

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## Education

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- **Bachelor's** in Computer Science, Jain University, Bangalore
- **Pre University** in Science Sri Krishna PU College, Bangalore
- **High School** Acharya Pathasala Public School, Bangalore

## Awards

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- People's choice of Hackathon organized by Philips
- Winners of the [Digital Hackathon](#) organized by Siemens Healthineers
- Won 1st place in a Quiz competition organized by INFOSPHERE CLUB at JAIN UNIVERSITY
- Won 1st place in CALL OF DUTY gaming competition at INFINITY-15 organized by JAIN UNIVERSITY

## Skilling Up/Interests

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- AWS, CyberSecurity Concepts
- Home automation using arduino and raspberry pi
- Game Development