

Narayana Devarapu

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WORK EXPERIENCE

CellWatchTechnologies

Sep. 2023 – Present

Software Developer, Cork, Ireland

- Led development of IoT device management platform using Dot NET micro-services and AWS Lambda, achieving 40% improved device reliability.
- Architected and implemented C# backend for real-time bacterial monitoring system with 99% data accuracy.
- Developed full-stack solutions using TypeScript, NextJs, and AWS, resulting in 15% increase in user engagement.
 - **Stack:** Dot NET core, C#, JavaScript, TypeScript, NextJs, AWS Lambda, API Gateway, Stripe.

Condenast Technology Labs

Sep. 2021 – Aug. 2022

Senior UI Developer, Bangalore, India

- Spearheaded migration to Dot NET Core backend services, reducing API latency by 25%.
- As Engineered reusable C# components within micro-services architecture for cross-platform compatibility.
 - **Stack:** React, TypeScript, Firebase, Google Cloud Platform, .NET Core

Hexagon Capability Center

Jan. 2017 – Sep. 2021

Principal Software Developer, Hyderabad, India

- Architected modular ASP.NET solution increasing product reliability by 30% through enhanced component reuse.
- Implemented secure role-based routing using Dot NET Identity for content delivery.
- Optimized backend data processing, achieving 32% performance improvement through advanced C# thread pools and API design.
 - **Stack:** C#, ASP.NET, Entity Framework, React, Material UI, SQL

Global Info Solutions

Aug. 2015 – Dec. 2016

Software Engineer, Hyderabad, India

- Developed REST APIs with Dot NET achieving 32% improvement in data handling efficiency.
- Created custom Visual Studio extensions in C# to streamline development workflows.
 - **Stack:** C#, ASP.NET, REST APIs, JWT, MSSQL

Simpli5ng Semiconductors

Dec. 2011 – Jul. 2015

Software Engineer Hyderabad, India

- Engineered Dot NET-based IoT applications for VLSI processing, improving testing workflows by 32%.
- Integrated device automation solutions using C# and Dot NET framework.

EDUCATION

University College Cork, Ireland

Sep. 2023

M.Sc, Business Information and Analytic Systems

JNTUK, India

Jun. 2009

B.Tech, Majors in Electronics and Communications Engineering

SKILLS & INTERESTS

- **Backend:** C#, Dot NET Core, ASP.NET, Entity Framework, Web APIs, OData, RESTful services, LINQ, SQL
- **Frontend:** React, TypeScript, HTML, CSS, JavaScript, TailwindCSS
- **Cloud & DevOps:** Azure, AWS Lambda, API Gateway, Firebase, CI/CD, OAuth, JWT
- **Databases:** SQL Server, MongoDB, SQLite, NoSQL
- **IoT & Analytics:** ESP32, Raspberry Pi, MQTT, Blockly, Predictive Analytics.
- **Interests:** AI/ML Integration, Real-time Data Processing, Advanced Dot NET Development