Your Name

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SUMMARY

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WORK EXPERIENCE

Global Quality Corp – Covington, KY

Software Engineer — AI & Full Stack Product Development   **Aug 2025 - current**

- Built and deployed scalable data-driven web platforms using React, .NET, and Azure DevOps
- Architected and optimized modular front-end frameworks using React (migrated 18→19), Vite, improving load performance by 35% and ensuring consistent, reusable UI design across modules
- Engineered full-stack integrations between React clients and .NET APIs, implementing secure REST endpoints and data models that enhanced reliability and reduced integration errors by 40%
- Automated CI/CD pipelines in Azure DevOps, integrating test and deployment workflows to reduce manual deployment time by 70% and maintain version consistency across staging and production
- Developed interactive visualization frameworks using ESRI ArcGIS JavaScript SDK (2D/3D) and React Flow, enabling real-time analytical dashboards and dynamic system monitoring
- Implemented time-series forecasting pipelines with FastAPI and scikit-learn, adapting ML models to smaller datasets for accurate short-term operational predictions
- Collaborated in agile sprints with developers, QA, and product teams, applying SOLID design principles, Git-based workflows, and peer reviews to deliver scalable, maintainable, and high-quality releases

Marven Data Systems – Hyderabad, India

Software Developer   **Jun 2023 – Jul 2024**

- Engineered full-stack applications using .NET Core, C#, and SQL Server, improving backend scalability and reducing API response latency through optimized schema design
- Built real-time asset tracking and monitoring systems with Python background services on Windows and Linux, a feature that brought 3 new enterprise clients through improved live telemetry and reliability
- Deployed and maintained production environments in Azure, automating CI/CD pipelines with Azure DevOps and Docker, and tuning database operations to reduce deployment cycles by 35%
- Implemented Single Sign-On (SSO) via Identity Server, strengthening authentication and centralizing user access across distributed systems
- Led testing and code reviews, mentoring junior developers and maintaining clean, production-grade code practices across releases

Software Development Intern   **May 2021 – Jun 2023**

- Designed responsive web interfaces using Bootstrap, HTML5, and JavaScript, improving usability and reducing navigation time by 40%
- Developed RESTful APIs in .NET Core for secure communication between front-end and backend services
- Automated reporting workflows with Python scripts, cutting manual data-prep effort by 45%
- Assisted in database design and testing, gaining foundational experience in SQL Server optimization and QA workflows

PROJECT HIGHLIGHTS

Movie Explorer – React Frontend App   **Apr 2025**

Built a mobile-first, JavaScript/React-based movie discovery app consuming REST APIs from TMDb, with trending sections, search filters, and scrollable grids.

Real-Time Face Mask Detection (Deep Learning)   **Nov 2021 – Feb 2022**

Developed a TensorFlow-based ML model in Python achieving 90%+ accuracy for real-time mask detection, integrating image processing and advanced cost functions.

AI-Driven Supply Chain Management (IoT & Python)   **Published in IEEE, 2023**

Developed a Python + SQL-based supply chain management software integrating GPS tracking with IoT devices for end-to-end goods tracking.

EDUCATION

Master of Engineering in Computer Science
University of Cincinnati, OH — Aug 2024 - Dec 2025 — GPA: 3.87

Bachelor of Technology in Electronics & Communication Engineering
SASTRA Deemed University, India — Jun 2018 - Aug 2022

PUBLICATIONS

Supply Chain Management In Manufacturing Industry Using Internet Of Things   **Mar 2022 – Aug 2022**
Sastra Deemed University

- Developed a Supply Chain Management software using Python and SQL, integrating GPS tracking with Ublox neo 6m and NodeMCU ESP8266 for end-to-end goods tracking, published in IEEE during the 2023 International Conference on Computer Communication and Informatics

CORE TECHNICAL SKILLS

- **Programming:** JavaScript (ES6+), Python, C#, .NET Core, ASP.NET MVC, REST APIs
- **Frontend:** React, HTML5, CSS3, Bootstrap, Tailwind, jQuery
- **Backend & Databases:** SQL Server, Entity Framework, T-SQL, Stored Procedures, Views, Triggers
- **AI/ML & Analytics:** TensorFlow, Deep Learning Models, Predictive Dashboards
- **Cloud & DevOps:** Azure, CI/CD Pipelines, IIS Deployment, SSL Configuration
- **Tools & Version Control:** Git, GitHub, Bitbucket, Jira, Agile/Scrum