Nikhil Oke

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EDUCATION

Binghamton University SUNY   **Binghamton, NY**
Master of Science in Computer Science   Aug 2022 - May 2024
Relevant Coursework: Design Patterns, Data Structures and Algorithms, Web Programming, Programming Languages

Savitribai Phule Pune University   **Pune, IN**
Bachelor of Science in Computer Engineering   Aug 2015 - May 2019

PROFESSIONAL EXPERIENCE

Select Health   **Salt Lake City, United States**
Software Engineer Intern (Remote)   Aug 2023 - Jun 2024
- Engineered innovative user interfaces utilizing modern JavaScript frameworks React JS, Angular, and library tools like Material UI and Chart.js, enhanced overall **user engagement metrics by 25%** for the auditing platform during internship tenure
- Innovated scalable **microservices** in an event-driven architecture using C#, ASP.NET framework, and **RabbitMQ** for message queuing, resulting in a **30%** reduction in system latency
- Optimized SQL queries, crafted efficient stored procedures, and revamped indexing strategies using SQL Server Execution Plan and AppDynamics, improving database performance by **45%**
- Applied Test-Driven Development (**TDD**) using NUnit and Moq, and integrated Continuous Integration/Continuous Deployment (**CI/CD**) pipelines via GitHub Actions, reducing post-production defects by 40%
- Refactored over **3,000** lines of code using SOLID and DRY principles, enhancing code readability
  (**Tech Stack: Angular 17, TypeScript, C#, .NET Core, SQL Server, GitHub Actions, Entity Framework**)

Binghamton University   **Binghamton, United States**
Grading Assistant   Aug 2023 - Dec 2023
- Mentored **50+** students in understanding data structures and algorithms concepts and graded student submissions

WeAgile Software Solutions   **Pune, India**
Software Engineer   Dec 2020 - Jun 2021
- Led the development of end-to-end features such as employee data management, benefits selection, and talent management for a cloud-based Human Capital Management (HCM) product, **growing the user base by 25%**
- Engineered highly **scalable** RESTful web services using Java, Spring Boot, and **GraphQL** to create a fault-tolerant backend system that **reduced API latency by 40%**
- Crafted responsive UI elements utilizing JavaScript along with React JS and Redux to optimize usability, achieving a **20%** increase in interaction rates on key feature pages
- Implemented test pipelines with **Docker** and **Kubernetes**, streamlining the deployment process and reducing timelines by 20%
- Maintained coding standards and participated in **code reviews** and scrum meetings to ensure code quality
  (**Tech Stack: React JS, Redux JS, Java, Spring Boot, GraphQL, Tailwind CSS, Docker**)

Accenture   **Bangalore, India**
Associate Software Developer   Sep 2019 - Oct 2020
- Innovated full-stack solutions within a micro-frontend architecture using React JS and Material UI, this approach optimized performance resulting in **faster load times of over 40%** for users accessing the application
- Designed RESTful API endpoints that facilitated seamless CRUD operations for e-commerce order management, yielding a **30% drop in data retrieval** latency across the application
  (**Tech Stack: React JS, JavaScript, Java, C#, Spring Boot MVC, .NET, SQL Server, Hibernate**)

SKILLS

Programming Languages: Java, JavaScript, TypeScript, C, C++, C#, Python
Front-end Technologies: Angular, React JS, Redux JS, CSS3, SASS, HTML5, Tailwind, ES6, JQuery
Database Technologies: MySQL, MongoDB, DynamoDB, SQL Server, NoSQL, PostgreSQL
Back-end Technologies: Spring Boot, .NET, Node JS**,** Express JS, HTTP, JSON, GraphQL, XML, webservices
Cloud Technologies: AWS, Docker, Kubernetes
Development Tools: VS Code, Visual Studio, Eclipse, IntelliJ, MS Office, Git, Outlook, Postman, AppDynamics

PROJECTS

Job Tracker (React JS, Node JS, Express JS, MongoDB)
- Established a software product to manage job applications, LinkedIn referrals, and follow-up reminders for catchups.

Chat Application (Angular, Python, Flask, Docker, Kubernetes, GCP)
- Built a chat application using Angular and Flask, deployed over a virtual machine with Kubernetes

Tic Tac Toe (Angular, Java, Spring, PostgreSQL, Sockets)
- Created a multiplayer Tic-Tac-Toe game using Angular and Redux, allowing remote users to play online via Web Sockets