

# Neel Thomas

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## TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, SQL, C#, C++.
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Bootstrap.
- **Dev Tools:** Git, Docker, Postman, Webpack, VS Code.
- **Database & Backend:** MySQL, MS SQL Server, REST APIs.
- **Concepts & Practices:** OOP, SDLC (Agile & Waterfall), Unit Testing, Code Reviews.
- **Cloud & Learning:** AWS (S3/EC2), Azure (Learning), Automation Tools (Exploring).

## EDUCATION

### Master of Applied Computing

University of Windsor, Canada

Sep 2024 - Present

- Final Semester of program requiring a 4 to 8 months internship starting from Sept 2025

### B.Tech in Computer Science & Engineering

Charotar University of Science and Technology, India

Sep 2020 - May 2024

## EXPERIENCE

### Backend Developer

Crown Software, Junagadh(Remote), Gujarat

Jan 2024 - Jun 2024

- Developed modular components in React.js, adhering to scalable design patterns and promoting reusability, improving team velocity by 40%.
- Refactored legacy codebase using TypeScript and strict typing, reducing UI bugs by 30% and aligning with clean code principles.
- Optimized performance with lazy loading and code splitting, resulting in a 25% faster load time—enhancing user experience.
- Worked in an Agile development team, contributing to daily standups, sprint planning, code reviews, and continuous integration.

## PROJECTS

### Automation Buddy – Automated Testing Tool

**Technologies:** Python, Selenium, GitHub Actions

Mar 2025 - Present

- Learning automated browser testing and CI/CD using GitHub Actions to simulate enterprise QA pipelines.
- Focused on identifying UI regressions early and improving cross-browser compatibility.
- Emulates real-world testing workflows to improve reliability and support automation development.

### ERPConnect – Lightweight ERP Simulation

**Technologies:** C#, .NET Core, SQL Server, Entity Framework, Razor Pages

Feb 2025 - April 2025

- Gained hands-on experience with backend architecture, business logic, and role-based access control.
- Applied OOP principles and design patterns to build scalable modules in a simulated enterprise system.
- Practiced source control and solo development workflow with Git.

### Consumer Behavior Analytics Dashboard

**Technologies:** Python, Streamlit, Plotly, scikit-learn

Jan 2025 - Mar 2025

- Built an interactive dashboard for demographic analysis with real-time filtering and CSV export.
- Developed an ML-based sentiment module using synthetic data and scikit-learn.
- Emphasized accessibility and clear data communication for non-technical users.

### Internship Management System

**Technologies:** PHP, MySQL, HTML, CSS, JavaScript

Dec 2023 - Mar 2024

- Designed a full-stack web application to streamline student internship tracking for 100+ users.
- Reduced database latency by 40% through optimized SQL queries.

## Code-Pie Website

Jan 2023 - Mar 2023

### Technologies: React.js, Bootstrap, Responsive Design

- Built a high-traffic event website serving 100+ daily users with optimized performance.
- Strengthened collaboration and leadership skills as team lead during development.

## CERTIFICATES & TECHNICAL TRAINING

### Frontend Developer Capstone

Jun 2023

META

### UX Design Foundations

Sep 2022

Google

### HTML, CSS, JS

Jun 2022

Johns Hopkins

## EXTRACURRICULAR ACTIVITIES

### WinHacks

Feb 2025

- Volunteered at WinHacks 2024, assisting with event coordination and participant support.

### Demo Day

Jan 2025

- Volunteered at Demo Day 2024-25 held at University of Windsor,

### CodePie 3.0

Mar 2023

- Lead of the web development team and also volunteered for the hackathon held at CHARUSAT.