

# Yash Ahire

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## PROFESSIONAL SUMMARY

- **Full-Stack Developer with 4+ Years Delivering High-Impact Solutions Across Healthcare, Finance & Enterprise** Architected scalable applications serving 2000+ users and processing 250M+ daily transactions. Specialized in mission-critical healthcare systems, AI-powered platforms, and real-time financial dashboards using React, NestJS, and Python ML technologies.

## EDUCATION

University of North Carolina at Charlotte - Master of Science in Computer Science

Aug 2022 - May 2024 | Charlotte, NC

Savitribai Phule Pune University - Bachelor of Engineering in Computer Engineering

Aug 2015 -Jan 2019 | Pune, MH

## SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, Python, Swift
- **Mobile Frameworks & Libraries:** React Native, Flutter, Ionic (Cordova/Capacitor)
- **Web & Frontend Development:** React, Angular, Vue.js, HTML5, CSS3, Tailwind CSS, Material Design
- **APIs & Data Handling:** RESTful APIs, GraphQL
- **Backend Integration:** Firebase, Supabase, NestJS, Node.js, SQL/NoSQL Databases
- **Cloud & Infrastructure:** AWS (Elastic Beanstalk, Lambda, Cognito), Docker
- **AI/ML & Analytics:** Python Machine Learning, TensorFlow, Predictive Analytics, Real-time Data Processing
- **Security & Compliance:** OAuth, AWS Cognito, HIPAA-aligned data handling, token-based authentication

## EXPERIENCE

**Handtevy - Pediatric Emergency Standards | Full stack Developer**

Jan 2025 - Present | Florida, US

- **Healthcare EMS Startup | Team of 5 | Serving 2000+ EMS agencies across USA and Canada**
  - **Frontend Dev:** Built interfaces using **Javascript**, **Angular** and **React** for real-time EMS and clinical workflows
  - **Backend:** Developed REST APIs with **NestJS** to process clinical data, emergency alerts, and operational metrics
  - **Mobile Dev:** Mobile app using **Ionic** with **Cordova/Capacitor**, **Android**, **iOS**, and **Windows** via **ElectronJS**
  - **AI Integration:** Python-based machine learning models for real-time triage assistance and predictive healthcare.
- **Architected scalable video training platform:** processing 50,000+ monthly views, reducing EMS training completion time by 40% and improving knowledge retention by 60%
- **Developed AI-powered quiz generation system:** enabling protocol-based assessments for 2000+ EMS personnel, automating competency testing with 95% accuracy and reducing manual grading by 80% -
- **Engineered Wallcomm™ patient monitoring system:** using geofencing, RFID, and BLE technology, reducing 911 response tracking errors by 75% and improving emergency coordination efficiency by 45%
- **Conducted field validation testing** by riding in EMS vehicles during emergency calls, ensuring Wallcomm™ system reliability under real-world conditions and gathering critical user feedback for system optimization

**Rebecca Everlene Foundation | Part time - Frontend Developer**

May 2024 - Dec 2024 | Remote, US

- **MedKids Health App Development:** Developed the MedKids medical app with seamless healthcare API integration,
- **Software Development:** Built a responsive, scalable UI using **React**, **TypeScript**, and **Drupal**, with **Drupal** and **WordPress**.

**The Home Depot (White Cap) | Software Developer Intern**

May 2023 - Aug 2023 | Remote US

- **Checkit™ Integration:** Integrated **Checkit™ Construction Management** with **PowerBI** and **React**, enhancing dashboard UX and reducing report load time by 80% through optimization using **Gitbash** and **Powershell**.
- **Data Analytics & Reporting:** Leveraged **ReactJS**, **Node.js**, and **PowerBI** to streamline data analytics and reporting workflows, improving visibility and insights for stakeholders.

**Oracle - Tata Consultancy Services | Senior Software Engineer**

Aug 2019 - May 2022 | Mumbai, India

- Developed dashboards using **React** and **Next.js** for credit card and CRM teams handling 250M+ daily transactions daily.
- Built scalable backend services with **Node.js** and **Express**, integrating **MySQL** for transactional data storage.
- Designed **RESTful APIs** and integrated GraphQL endpoints for real-time data sync between credit card processing and CRM.
- Implemented responsive UI using Tailwind CSS and Material Design for financial dashboards, improving user workflow.
- Conducted comprehensive testing using **Jest**, **React Testing Library**, and **Postman**, reducing production issues.

## PROJECTS

**1. LLM-Based Data Analysis with Tableau** - Developed and integrated LLM-based data analysis tools with Tableau for actionable insights and interactive dashboards.