

# Yash Patel

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## EDUCATION:

**University of Texas at Arlington, TX** Master of Science in Computer Science, GPA: 3.667 May 2024  
**Gujarat Technological University, India** Bachelor of Engineering in Computer Engineering, CGPA: 8.87 May 2022  
**Gujarat Technological University, India** Diploma in Computer Engineering, CGPA: 9.07 May 2019

## SKILLS:

**Programming Languages:** Python, JavaScript, HTML, JAVA, C, C++, .Net, PHP  
**Cloud and Framework:** Amazon Web Services, Azure, React, Angular, Vue.js, Ionic, Node.js, PHP, Laravel  
**Database and Data science** Pandas, NumPy, PyTorch, TensorFlow, MySQL, Oracle, MongoDB  
**Software and Methodology:** Eclipse, VS Code, Agile, Scrum (Jira), Git, Visual Studio

## PROFESSIONAL EXPERIENCE:

### Localskill, Ahmedabad, India

Full Stack Developer (Part-time)

Aug 2020 – July 2022

- Spearheaded the Ramarum ride-sharing platform's launch, directly catering to commuters' needs, achieving a 30% user base growth within the initial months. Engineered React-based user interfaces, improving accessibility and user engagement by 40% and 35%, respectively.
- Utilized Ionic for cross-platform application development, ensuring flawless functionality across diverse devices. Integrated advanced data analytics for user behavior insights, guiding enhancements that improved platform efficiency by 20%. Collaborated with a 10-member multidisciplinary team to refine product features, resulting in a 25% increase in user engagement. Led a pharmacy staffing system project, enhancing operational efficiency by 15%. Designed a sophisticated recommender system, elevating user interaction and conversion rates by 25% and 30%. Promoted continuous platform evolution through iterative development based on user feedback, enhancing product iteration speed by 50%.

### BrainyBeam, Ahmedabad, India

Web Developer Intern (Full-time)

Jan 2019 - May 2019

- Architected secure web applications with a focus on robustness and user data protection, ensuring a 99% uptime and reducing security incidents by 20%. Instrumental in the React integration for the company's content management system, which Elevated content management efficiency by 30%.
- Improved user experience by developing React-based interfaces, leading to a 25% uplift in user interaction and satisfaction. Drove backend development with MySQL, emphasizing scalability and security, which supported a 40% growth in data handling capacity.

## ACADEMIC PROJECTS:

### Student Management System (Sep 2023 – Dec 2023):

- Led the development of an educational management system, boosting efficiency by 40% across 20+ institutions. Crafted a React interface, enhancing accessibility for 1,000+ users.
- Enhanced data security for 5,000+ users with PHP and Laravel. Implemented Node.js for instant messaging, cutting delays by 50%. Automated 30% of admin tasks with AI, optimizing operations.

### The Opportunity Oracle (Jan 2023 - May 2023):

- Conducted market research on 500+ temporary job seekers, identifying key needs that informed the development of a user-centric mobile app, enhancing job discovery and application processes.
- Utilized agile methodologies to accelerate prototyping, testing, and refinement across 20+ app features.
- Analyzed feedback from 300+ users to implement continuous improvements, achieving a 25% increase in platform adoption.

### Vulgar Language Detection Using Sentiment Analysis (Oct 2021 – Dec 2021):

- Engineered a PyTorch and NLP-driven machine learning model, leveraging LSTM networks, to filter vulgar language, achieving 95% accuracy in text analysis.
- Enhanced platform safety and user experience, reducing inappropriate content by 40%.

### Local Book Store (Jan 2019 - May 2019):

- Constructed an online bookstore platform, facilitating rentals and purchases, with a React-designed interface that optimized interaction for 200+ titles.
- Integrated MongoDB, streamlining inventory and transactions for 500+ users.

## CERTIFICATIONS AND ACHIEVEMENTS:

- Winner at BVM State Hackathon, Anand, Gujarat.
- Completed 'Full Stack Developer' certification focusing on React, Node.js, and database management.