

# YAMI PARJANYA NAIK

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## EDUCATION

### NEW YORK UNIVERSITY

*Master of Science in Computer Engineering*

**New York, NY**

*Sep 2022 – May 2024*

## PROFESSIONAL EXPERIENCE

### BizInc

*Software Engineer*

**Sept 2024 - Present**

*Remote, USA*

- Designed and developed a scalable job-centric platform to simplify job discovery and professional networking, enhancing user engagement and operational efficiency.
- Conducted requirement analysis and implemented technical design systems, ensuring a robust architecture aligned with business needs.
- Standardized TypeScript and JavaScript practices to improve code maintainability and reduce development cycles by 25%.
- Experienced in utilizing Figma for UI/UX design, which significantly improves the overall quality of the end product.
- Implemented cost-effective alternatives for Azure services, achieving a 20% reduction in infrastructure costs while maintaining scalability and reliability.

### Furbaby

*Software Engineer*

**Sept 2023 – May 2024**

*New York, NY*

- Led full stack development of a pet care web application, achieving a 40% improvement in user interaction speed and a 30% boost in data management efficiency.
- Managed the project lifecycle end-to-end, showcasing product management skills through strategic planning, task prioritization, and integration of iterative user feedback.
- Applied software lifecycle methodologies to ensure timely delivery, following Agile (Scrum) practices to deliver value incrementally.
- Deployed scalable infrastructure on AWS, reducing operational costs while integrating real-time job notifications to increase user engagement by 25%.
- Refined UI/UX design through user testing, ensuring usability, accessibility, and responsiveness across devices.

### Cognizant Technology Solutions

*Programmer Analyst*

**Aug 2021 - July 2022**

*Pune, India*

- Managed over 100 AWS EC2 instances, ensuring high system reliability with 99.9% uptime, minimizing disruptions to end-users.
- Applied technical standards to upgrade infrastructure, improving system scalability and reducing load times.
- Implemented cost-effective solutions, optimizing infrastructure performance and achieving a 20% boost in overall system efficiency.
- Streamlined incident management processes, resolving 95% of incidents on time and reducing downtime by 25%.
- Proactively collaborated across teams to troubleshoot and resolve complex software issues.

- Developed a centralized ERP system that reduced manual processes and achieved a 30% decrease in operational overhead across banking, retail, and member management.
- Demonstrated project planning by outlining development phases, timelines, and task ownership for ERP modules.
- Integrated design patterns to optimize the codebase for scalability, ensuring responsiveness and seamless multi-device access.
- Implemented multilingual messaging (English and Gujarati), improving communication effectiveness and increasing member engagement by 25%.
- Enhanced data security and accessibility, reducing data retrieval time by 40%.

- Developed a book recommendation system with e-commerce features using Python-Django, increasing user engagement by 30% through personalized recommendations.
- Applied AI/ML techniques to enhance backend algorithms, improving recommendation accuracy and delivering tailored results.
- Designed a metrics dashboard for data-driven insights into user engagement, recommendation accuracy, and purchase trends.
- Optimized system performance through algorithm enhancements and user-centric design, improving satisfaction rates and platform reliability.

SKILLS

Programming Languages:	Python, JavaScript, TypeScript, Django, ES6
Web Development:	React.js, Redux, Angular, Node.js, Express.js, HTML5, CSS3, Bootstrap, Front-end, Back-end, Full-Stack Development, Unit Testing, Web Design
Databases:	MySQL, PostgreSQL, MongoDB, NoSQL
Cloud & DevOps:	AWS (EC2, S3), Docker, Kubernetes, CI/CD, Spark, Cost-Effective Solutions, Cloud Infrastructure
Tools & Testing:	Git, Jira, Jest, Quality Assurance, Technical Design
Soft Skills:	Communication, Critical Thinking, Collaboration, Adaptability, Innovative, Problem Solving, Openness to Criticism, Analytical Thinking, Attention to Detail, Motivated
Project Management:	Product Management, Product Requirement Analysis, Software Development Lifecycle, Project Planning

PROJECTS

Fishing Industry Insights	Jan 2023 - May 2023
<ul style="list-style-type: none"><li>• Conducted big data analysis on overfishing trends using Apache Spark and Python, processing large datasets to extract actionable insights for sustainable fishing practices.</li><li>• Designed and implemented data pipelines for preprocessing, aggregating, and analyzing data, increasing analysis efficiency by 25%.</li><li>• Delivered comprehensive insights and visualizations to highlight overfishing patterns, supporting sustainable policies and practices.</li><li>• Optimized workflows by automating repetitive tasks, reducing manual effort by 20%.</li></ul>	