# Namit Rathod

Houston, TX (Open to Remote & Relocate) | https://www.linkedin.com/in/namit-rathod | +1 346-434-9556 |
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## SUMMERY

Full-stack Software Engineer experienced in MERN/MEAN, Django + React, and cloud-native development with AWS and Kubernetes. Skilled in designing scalable, high-performance applications and implementing CI/CD pipelines to ensure reliability and speed. Adept at translating business needs into technical solutions that drive efficiency, improve user experience, and deliver measurable results.

## EDUCATION

**University of Houston  Houston, TX**
Master's in Computer Science                                                                                    **Aug 2024 - Present**

## WORK EXPERIENCE

**Cognizant**                                                                                                        **Bengaluru, India**
*Programmer Analyst*                                                                                          *Mar 2023 - Jul 2024*

- Enhanced UI responsiveness by 20% by developing modular, custom **React components** and implementing efficient state management with **React Hooks**.
- Reduced bug resolution time by 25% through collaboration with senior developers on designing scalable web solutions using Agile methodologies
- Collaborated within a team to architect and implement a new authentication flow, improving platform security and reducing login issues by 40%. The solution utilized **JWT** for stateless authorization, **OAuth 2.0** for secure third-party integrations.
- Reduced developer ramp-up time by 30% by creating step-by-step documentation for local setup, authentication flow, and CI/CD pipelines using Markdown and Git

**Cognizant**                                                                                                        **Bengaluru, India**
*Full-Stack Developer Intern*                                                                                *Jan 2022 - Nov 2022*

- Contributed to JWT-based authentication in a Node.js backend and secured user credentials using bcrypt, improving overall platform security and reducing login-related issues.
- Developed dynamic Angular components and implemented optimizations such as lazy loading and efficient API calls, enhancing front-end performance and reducing page load time by 25%.
- Assisted in building RESTful APIs with role-based access features as part of the development team, enabling modular code design and strengthening user data protection.

## ACADEMIC PROJECTS

**Hiresphere - Applicant Screening System (React, Django, PSQL)  - Link**

- **Developed** a full-stack hiring platform that **reduced application processing time by 35%** through automated status tracking and streamlined interview scheduling workflows.
- **Implemented** a **secure, role-based authentication system** for job seekers, recruiters, and administrators, supporting **real-time data updates** and responsive UI components.
- **Built** robust RESTful APIs and database models for managing job postings, applications, interviews, and hiring decisions, ensuring **CRUD operations and data integrity**.
- **Optimized frontend performance** by leveraging React Hooks, code-splitting, and lazy loading, resulting in **20% faster page load times**.

**CabGo — Cab Booking Application** *(React, Node.js, Express, MongoDB)* **- Link**

- **Enhanced** user experience with **real-time map integration** via MapBox API, enabling live cab tracking and optimized routing.
- **Secured** user and payment data by implementing **JWT authentication** and integrating the **Stripe API** for safe transactions.
- **Designed** modular RESTful APIs with role-based access and **error handling**, ensuring **scalability and reliability**.
- **Implemented** server-side caching and query optimization, reducing API response times by **up to 25%** under high load.

**Brochure Builder – LLM Application** *(OpenAI, Ollama, Jupyter Lab)*- **Link**

- **80%** reduction in manual brochure drafting by engineering an AI-powered generator using OpenAI + Ollama.
- **3-stage pipeline** built for web data ingestion (Requests, BeautifulSoup), semantic summarization, and structured brochure creation.
- **real-time** streaming completions with Markdown rendering in Jupyter, enabling interactive, presentation-ready outputs.

## SKILLS

**Tools & Platforms:** Git, GitHub, Postman, Docker, Firebase, pgAdmin, Stripe API, Google Maps API, Blynk

**Frameworks & Methodologies:** React.js, Angular, Node.js, Django, Spring Boot, Agile (Scrum), CI/CD

**Data & Cloud Technologies:** MongoDB, PostgreSQL, AWS (EC2, S3), Power BI, Unity.