

PRATHYUSHA GADI

CHICAGO, IL, 60616
pg4852630@gmail.com

+1 (980)277-0015

www.linkedin.com/in/prathyusha-g-2b911123a

<https://pek-1.github.io/portfolio/>

SUMMARY

Master's student in Technology, graduating May 2025, with experience building full-stack web applications using Java, JavaScript, React, PostgreSQL, Git, and Python. Passionate about developing responsive front-end interfaces and scalable backend systems. Skilled in Agile development and version control with Git. Seeking software engineering roles or opportunities to contribute to impactful projects and grow in a fast-paced environment.

EDUCATION

Chicago State University, Chicago, USA

Master of Science in Computer Science

GPA: 3.90

Relevant Coursework: Big Data Technology, Software Project Management, Algorithm & Software Engineering with Web Applications, Quantum Computing, Advanced TCP/IP Network Architecture, Advanced Software Engineering, Generative AI, Advanced Database Implementation

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, C, C++ || **Frontend:** HTML5, CSS3, Bootstrap, React.js, Vue.js || **Backend:** Spring Boot, Flask, Node.js, Django || **Databases:** PostgreSQL, MySQL, MongoDB, Redis || **DevOps & Tools:** Docker, Git, GitHub, Jenkins, Jira, Postman || **Cloud & APIs:** AWS (EC2, Lambda, S3, EMR, SageMaker), REST API || **AI/ML:** Scikit-learn, TensorFlow, Pandas, NumPy, SVM, CNN, Deep Learning, NLP, Prompt Engineering || **Data & Analytics:** MS Excel, MS Project || **Methodologies:** Agile, SDLC

EXPERIENCE

Software Engineer | Rayon Technology Solutions

2021 – 2023

- Developed scalable backend services using Java and Python, implementing RESTful APIs for high-volume order processing.
- Optimized PostgreSQL databases and wrote efficient SQL queries to improve performance by 20%.
- Used Jira for agile project management and Jenkins to automate CI/CD pipelines for reliable deployments.
- Containerized applications with Docker, collaborated with frontend teams, and maintained code quality through reviews and best practices.

Project Manager– Excelerate (2023): Applied Agile methodology, led Scrum sessions, and planned the SDLC for a tech project based on time/resource constraints and interdependencies.

PROJECTS

- Developed core modules of Trip Trek, a travel portal developed using Flask and JavaScript, with AI-powered itinerary generation based on user interest.
- Created Innadine, an interactive restaurant website built with React.js and Express.js, featuring dynamic menus, reservations, and engagement.
- Created a complete e-commerce website with AngularJS frontend and Django backend that includes product catalogues, user login, cart, and secure payment.
- Developed a responsive portfolio website using React.js and Tailwind CSS to present skills and projects with optimized

ACHIEVEMENTS AND CERTIFICATION

- **Leetcode:** Solved 50+ algorithm and data structure challenges, strengthening problem-solving and coding efficiency skills critical for software engineering roles.
- **Docker Foundations Professional Certificate** (Docker, 2025): Demonstrated proficiency in containerization, image management, and deployment workflows for scalable application delivery.
- **AWS Academy Graduate – Machine Learning for NLP** (Amazon Web Services, 2024): Completed rigorous training on cloud-based machine learning models and natural language processing techniques, enhancing AI integration capabilities.
- **Top 5% in NPTEL "Joy of Computing with Python":** Validated strong programming fundamentals and Python expertise through a highly competitive examination.