

GAGANA PREMNATH

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY August 2022 - May 2024
Master of Science in Computer Science, Cumulative GPA: 3.6/4.00

- Coursework : Design and Analysis of Algorithms, Social Media and Data mining, Machine Learning, Artificial Intelligence, Object Oriented Design, Operating Systems, Computer Architecture.

VTU - Sri Jayachamarajendra College of Engineering, Mysore, India August 2013 - May 2017
Bachelor of Engineering in Computer Science, Cumulative GPA: 3.46/4.00

PROFESSIONAL EXPERIENCE

Angular SDK Intern, Greif, Inc – Delaware, Ohio (Remote) May 2023 - Present

- Creating widgets within an enterprise application (ERP), optimizing the oversight of manufacturing orders and shipping progress across diverse phases with SOAP API's for real time data. Resulted in a 30% reduction in order processing time.
- Developing internationalization and localization of the application using i18N from Angular packages for helping the shop floor workers benefit using the ERP widgets.
- Leading the development of a widget, incorporating Power BI visuals, enabling users to enhance data analysis by improving user data interpretation by 20% through parameter-based customization, for effective decision-making.
- Developing POC with NodeJS as backend for connecting the ERP application to the Snowflake data warehouse, utilizing key pair authentication.

Technology Analyst, Infosys Limited – Bengaluru, India May 2021 - August 2022

- Led the application development by creating the interface for admin purpose tasks allowing easy creation, editing, and access distribution to different base station users, resulting in a 90% decrease in manual labor.
- Developed responsive and platform agnostic web app to adapt to different screen sizes and orientations through the use of CSS3 and media queries reducing the rework by 5%.
- Employed Docker containerization to package the application and its dependencies, decreasing deployment discrepancies.
- Gathered requirement and designs for web page from clients and revamped from Rest APIs to GraphQL decreasing the processing of unwanted data by 12%.

Senior Software Engineer, NTT DATA FA Insurance Systems – Bengaluru, India May 2019 - May 2021

- Spearheaded new project with 3 major commercial insurance business lines (Travel, Health, Motor), hosted application in Linux servers for 3 environments (UAT,Dev,Prod) with JBoss; managed deployments and production sign-offs.
- Experienced in client facing roles, server maintenance, security patches, upgrades and deployment of application on the Linux machine providing production support.
- Established WhatsApp capabilities for an insurance client leveraging the Twilio sandbox connection to establish an effective communication channel, boosting client's sales and engagement by 60%.

Software Engineer, NTT DATA FA Insurance Systems – Bengaluru, India March 2018 - April 2019

- Designed and implemented Spring Boot API with Java beans, facilitated database connectivity, and integrated with React front-end for responsive and user-friendly web application.
- Managed CORS policies effectively to ensure secure data communication between the React and Angular front end and the Spring Boot back end, allowing data to be accessed from different origins.

PROJECT

Sentiment Analysis of Twitter Data on Generative AI's April 2023 - May 2023

- Applied Python's pandas libraries to perform sentiment analysis on Kaggle-derived data from 2022 to 2023, categorizing sentiments into positive, negative, and neutral tones within tweets.
- Visualized sentiment analysis results and word cloud graphics, on Power BI reducing overall data analysis time by 60%.

TECHNICAL SKILLS

Programming Languages: Python | JavaScript | TypeScript | Java | C

UI Design: HTML | CSS | Bootstrap | JSON

Frameworks: Angular | React | Angular Material | Spring Boot | Express JS | Node JS

Databases and API's: MySQL | Oracle | SOAP | REST | GraphQL

Platform / Tools: Git | SVN | Putty | Twilio | Postman API | VSC | Bitbucket | JIRA | WinSCP | Veracode | NPM | Eclipse | IntelliJ

AWARDS

- Grace Hopper Celebration Scholar (GHC 2023), Scholarship Recipient.
- Champ Award (2022), NTT DATA FA Insurance, India - Collaborated with team of 10 developers to devise strategies to complete the deliverable by optimizing work flow issues reported, achieved around 100+ policies posted with boosted performance on live environment.

VOLUNTEER EXPERIENCE

Welcome Ambassador International (WAI), Syracuse University – New York June 2023 - Present

- Guided 100+ international students arriving campus by touring the university, bringing familiarity about university culture.
- Held Q&A sessions on Zoom with 50+ attendees to help with questions related to housing, course registration, internship/co-ops, health immunization documents and vaccination related informations.
- Arranged shopping visit to 70+ students to Target and Walmart to help shopping the necessities required on arrival to US.