Nagarjun Mallesh

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EDUCATION

Northeastern University   Expected May 2024
Master of Science, Information Systems   *Boston, MA*

Visvesvaraya Technological University   July 2019
Bachelor of Engineering, Information Science and Engineering   *Bangalore, IN*

WORK EXPERIENCE

HP Inc.   Oct 2019 - Jul 2022
Software Engineer   *Bangalore, India*

• Engineered design of the latest Windows OS and eliminated human error with automated PowerShell scripts, slashing BIOS Configuration project turnaround time by 50%.

• Implemented scalable operational workflow accelerating product development process by 32%, cutting project time expenditure by 33%.

• Created comprehensive documentation & instructions to facilitate the successful deployment of Windows OS across multiple platforms, achieving a 95% user adoption rate.

DigitalAPI Craft Pvt Ltd   Jul 2019 - Oct 2019
Associate Technical Specialist   *Bangalore, India*

• Integrated customer-specific requirements into websites, achieving delivery within shorter deadlines and reducing labor costs by 20%.

• Optimized resource usage by analysing code efficiently, increasing efficiency by 30% compared to previous deployments.

• Developed robust Golang & NodeJS-based web applications with customer-specific requirements, resulting in 95% of requests exceeding customers' expectations.

SKILLS & INTERESTS

Programming Languages: Golang, Java, C++, C, Python, Powershell, Back-end Microservices, PHP, JSP, SpringBoot
Databases: PostgreSQL, MySQL(SQL), MongoDB (mongo)
Applications: Adobe Lightroom, Premier Pro, Adobe Illustrator, Figma, Adobe XD, agile, Kafka
Web Development: JavaScript, HTML, CSS, React, NextJS, NodeJS, TaiwindCSS, front-end, UI/UX Designing, REST APIs
Operating Systems: Vanilla OS (Windows OS), macOS, linux, UNIX

PROJECT EXPERIENCE

Food Ordering/Deliver Management System   *Feb 2023 - Apr 2023*

• Crafted innovative food ordering/delivery management system using Mysql & PowerBI to optimize business processes, leading to increased customer satisfaction by 20%.

• Configured reporting dashboard with PowerBI for real-time insights & transparent customer tracking, allowing for comprehensive visualization of project performance data.

MentorHub   *Oct 2022 - Dec 2022*

• Utilized MongoDB alongside Mongoose library to implement database operations, increasing data recall capabilities by 25%.

• Developed APIs using Nest.js environment & JWT tokens powered by Passport.js to improve system authorization & authentication.

• Optimized UX and UI design using React and NextJS to meet accessibility standards and deliver an improved user experience, resulting in a 5% positive feedback increase.

Keys - Student Accommodation Management   Oct 2022 - Dec 2022

• Adopted Abstract Factory Pattern to facilitate functionality enhancements, resulting in improved usability from 40% to 90%.

• Developed widgets incorporating graphs & email notifications for an enhanced user experience, contributing to a 50% rise in monthly user engagement.

PHOTOGRAPHY EXPERIENCE

• I served as the president of the college photography club throughout my undergraduate studies, which spanned a period of three years.

• Collaborated with in-house photographers and creative designers during college cultural festival for four consecutive years

• Organized photo walks and photography learning session for the aspirant photographer to learn basics of photography

• My photography has been showcased on various reputable social media platforms.

• As the president of the photography club, I established and led a team of highly skilled photographers who were trained to document the cultural events of our college.