

ASHIK M P

Full Stack Developer

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PROFESSIONAL EXPERIENCE

SHELL INDIA PVT LTD

Bangalore, IN

Software Engineer

Aug 2022 - Sep 2023

- Designed and developed backend systems to automate incident management processes, significantly improving response times and reducing manual intervention.
- I Led the integration of Python-based automation scripts with enterprise tools such as Power Apps and Power Automate, resulting in a 35% reduction in Mean-Time-To-Respond (MTTR) for critical incidents.
- Built and deployed scalable Python and Visual Basic scripts to automate backlog clearance in the Incident Management System, decreasing processing time by 75% and improving system reliability.

SOFTWARE AG

Bangalore, IN

Machine Learning Engineering Intern

Feb 2022 - July 2022

- Designed and implemented Enterprise Knowledge Graphs to efficiently handle customer queries, reducing computation overhead by 30-50%.
- Developed custom language parsers with Python and spaCy for accurate Parts-Of-Speech tagging.
- Implemented Knowledge Graphs using Neo4j and ArangoDB to store and infer new queries.

PANASONIC INDIA PVT LTD

Bangalore, IN

Data Science Intern

Feb 2021 - April 2021

- Leveraged AC (Air Conditioning) data stored on the cloud to develop novel insights on AC users.
- Performed data preprocessing, analysis, and visualization to understand AC cooling efficiency, reducing raw data by 45%.
- Utilized data visualization techniques to communicate findings and trends related to AC performance.

CORE COMPETENCIES

- Full Stack Web/App Development
- Automation & Scripting
- Cloud Computing
- Data Analysis and Visualization

EDUCATION

UNIVERSITY OF CALIFORNIA, RIVERSIDE
Master's Degree, Major in Computer Science (Pursuing)

Riverside, CA, USA
2023 - 2025

RAMAIAH INSTITUTE OF TECHNOLOGY
Bachelor of Engineering, Major in Computer Science (3.6 GPA)

Bangalore, IN
2018 - 2022

PROJECTS

YASMP - Yet Another Social Media App is a full-stack web app built with Next.js and Firebase (Firestore, Storage, Auth). Developed backend REST APIs using Golang, deployed on Google App Engine. [Click here](#)

WhisperWave - A real-time chat app built with Golang. It leverages AWS DynamoDB, and RabbitMQ along with Websockets for asynchronous connection and efficient storage, queueing, and communication between users and servers. [Click here](#)

Neural Network Implementation from Scratch - Designed and Implemented Neural Networks from scratch using Python and NumPy, bypassing pre-built machine learning or deep learning libraries. [Click here](#)

Anime Search Index - Searchable anime/manga database with 100K+ entries and fuzzy MongoDB search. [Click here](#)

ADDITIONAL INFORMATION

Technical Skills:

- Languages** - C, C++, Java, Python, Golang, JavaScript, SQL, HTML, CSS.
- Tools, Framework, and Libraries** - ReactJs, NextJs, NodeJs, MongoDB, Docker, Kubernetes, Amazon Web Services, Google Cloud Platform, Scikit-Learn, Pandas, Matplotlib, GitHub.

Certifications:

- [Docker Foundations Professional Certificate](#) (LinkedIn and Docker)
- [Sequence Models](#) (Coursera)
- [Neural Networks and Deep Learning](#) (Coursera)
- [NDG Linux Essentials](#) (Cisco)