Shashank Shankaregowda

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Summary

- 2+ years of experience in Full Stack Development with diversified stack
- Experienced in end-to-end application development, from front-end UI/UX implementation to backend API development and database management
- Skilled in developing technical solutions from scratch while ensuring high coding standards and best practices

Skills

f implies familiar with

Programming Languages:	Python, C#, JavaScript, C++, NodeJS, Java[f]
Frameworks:	Angular, Spring, React, ExtJS[f], Backbone JS, Express [f], Hibernate[f]
Web Technologies:	REST, HTML, Ajax, CSS3, Json, Bootstrap, Material Design[f]
Data Management:	PostgreSQL, MySQL, SQL Server, MongoDB
Cloud Computing:	AWS (EC2, S3, Lambda), GCP (App Engine, Big Query, Data Store, Data Flow Pipelines)
Data Visualization:	Matplotlib, Seaborn, D3.js[f], Chart.js[f], Tableau, Power BI
AI & Machine Learning:	TensorFlow, PyTorch, OpenCV, Scikit-Learn, Keras, NLP, Computer Vision, CNNs, Flask, FastAPI
Others:	Data Structures & Algorithms, Linux, REST APIs, Git, Docker, Webpack, Postman, CI/CD Basics, Agile Methodologies, Bitbucket, ASP.NET Core, Firebase[f]

Experience

Software Engineer, Datalyzer International Inc, Bengaluru, India | May 2021 – July 2023

- Experienced full-stack developer proficient in building scalable web applications using Node.js, Angular, React, and RESTful APIs using .NET C# and Python
- Revamped Engineering and Delivery in Satellite team at Datalyzer, by scaling a team of 15~ across multiple verticals including development, operations, and solution design
- Designed and delivered CPFR to streamline planning, forecasting, and replenishment, reducing planning effort by 50%.
- Designed and optimized relational database schemas in SQL for high transaction volumes, ensuring data integrity, scalability, and performance with expertise in databases like MySQL and PostgreSQL
- Brought vendor cost significantly down by inducing better development practices and streamlining the solutions design

Freelancing, Software Engineer, BrightChamps Pvt Ltd, Bengaluru, India | March 2021 – August 2023

- Developed and maintained scalable web and mobile applications using JavaScript, Python, C++, and HTML
- Improved user interfaces and user experience by utilizing CSS Sprites and mobile-first design principles
- Developed a tool to manage the GCP cloud billing analysis for the leadership to do the spend analysis
- Led the integration of RESTful APIs to enable seamless data exchange between front-end and back-end systems.

Academic Projects

Real-Time Process Monitoring System

- Developed a data-driven process monitoring tool using SPC techniques and built interactive dashboards with real-time analytics, utilizing React.js, Flask, and PostgreSQL.

Colorizing Black & White Photos using Deep Learning

- Utilized advanced deep learning models, particularly conditional GANs, for image colorization, leveraging the Lab color space to achieve natural and visually appealing color predictions.

Price Prediction System using Machine Learning Models.

- Conceived a machine learning-based price prediction system utilizing Python Flask for the frontend, Integrated data visualization libraries into the frontend to provide users with insightful visual representations of the predicted price trends.

Library Management System

- Designed and implemented an enterprise-grade Library Management System with robust RESTful API integration using .NET C# and a React frontend. Achieved efficient data management and seamless user interaction

Education

Master of Science: Computer Science (AI track), University at Buffalo, The State University of New York, GPA: 3.6