Devesh Joshi

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OBJECTIVE: Recent graduate in computer science with a strong enthusiasm for building fully scalable web applications. I'm inspired to keep improving my skill set and staying current with market developments. Committed to generating powerful digital experiences that change the world. Eager to work on cutting-edge projects and interact with experienced people. Excited about the possibilities that lie ahead and having a real effect in the technology industry.

EDUCATION

M.Tech., (CSE) July 2023
Graphic Era University, Dehradun, Uttarakhand

B.Tech. July 2017
Graphic Era Hill University, Dehradun, Uttarakhand

Higher Secondary School July 2013
Kendriya Vidyalaya, Dharchula, Uttarakhand

Secondary School July 2011
Kendriya Vidyalaya, Dharchula, Uttarakhand

TECHNICAL SKILLS

Frontend	**:** JavaScript, HTML5, CSS3, React, Angular
Back-end	**:** Node.js, Express.js, Python, Django, Spring Boot, Go
Application	**:** Flutter, React Native
Database	**:** MySQL, MongoDB, PostgreSQL, Vertica
Operating System	**:** Unix/Linux, iOS, Windows
Tools & Technologies	**:** Git, AWS, Azure, Agile Methodology
Remote	**:** Zoom, Google Meet, Slack, Discord, Teams
Portfolio	**:** https://deveshjoshi101.github.io/devesh

RELATED EXPERIENCE

Software Development Intern, Philips, Bengaluru Aug 2022 – July 2023

- Built pipeline scheduling and execution platform and corresponding front-end to manage and interact with the platform using Jenkins. Deployed multiple projects to internal cloud and various cloud platforms.
- Designed front-end Web Interface for engineers and testops to control and monitor the system using React, Angular, Spring Boot, Vertica, MySQL, PostgreSQL, TFS and Git.
- Analyzed and optimized performance bottlenecks in existing back-end systems, such as database queries and storage solutions, to increase responsiveness.
- Worked with multiple teams for various bugs in development and production environments.
- Creating design documents for various projects with comprehensive details.
- Collaborated with teams to identify issues and increase the stability, performance, and efficiency of private computing services.

Automation Engineer, Kasa Anlagen, Bengaluru Jan 2019 – May 2020

- Proficient in creating Python scripts and leveraging various automation tools for embedded and IoT systems in diverse factory applications.
- Extensive experience serving customers both within India and abroad, offering a wide range of services tailored to their specific needs.
- Successful track record of providing automation solutions to industries like cement, automotive, sugar, and others.
- Dedicated to using Python and innovative automation technologies to optimize processes and enhance productivity across different sectors.

CERTIFICATES

- Certification of Google IT Automation with Python by Coursera.
- Certification of Meta Back-end Developer by Coursera.
- Certification of DevOps from AWS by Coursera.
- Certification of Social Summer of Code (Open Source) by Social.

PUBLISHED PAPERS

- Paper on "Anatomy of Quantum Computer Framework using Qiskit" presented at the 4th International Conference of Emerging Technologies 2023 by IEEE.
- Paper on "Techniques used in Automatic Number Plate Recognition" presented at the 4th International Conference of Emerging Technologies 2023 by IEEE.

PROJECTS

- Model Deployment: We employed front-end languages like HTML, CSS, and JavaScript, alongside frameworks such as Angular 8+, jQuery, and Chart JS. To enhance the user interface, we utilized the Bootstrap CSS framework. On the server-side, we demonstrated proficiency in Python (Flask) and Node JS (Express JS) as server-side languages. Our expertise in database technologies like MySQL and Vertica DB enabled us to efficiently manage data storage and retrieval. We streamlined our development process by utilizing GIT for version control and Philips TFS internal repository for project management.

- KPI Dashboard: In the development of this project, we utilized Angular and Spring Boot, as well as HTML, CSS, and JavaScript. Angular was employed as a JavaScript framework to construct components that were both dynamic and interactive. On the backend, we worked with Spring Boot, enabling seamless integration with PostgreSQL and Vertica databases. GIT was utilized for version control throughout the project, ensuring smooth collaboration and an efficient development process within the internal repository of Philips TFS. The project was internally deployed in cloud foundry, making it accessible within the organization.

- TR Monitoring: In this project, we utilized Flask to create a reliable monitoring system. Our team exhibited expertise in front-end technologies like HTML, CSS, and JavaScript. Flask, a Python-based framework, was employed for server-side development. Our knowledge of JavaScript and jQuery enabled the implementation of dynamic functionalities and seamless user interactions. We utilized database technologies such as MySQL for data storage. GIT was employed for efficient version control and collaboration within the Philips TFS internal repository. The project was internally deployed in cloud foundry, ensuring accessibility within the organization.

- Personal Projects: https://github.com/Deveshjoshi101.

LANGUAGE SKILL

- English : Proficient
- Hindi : Native
- French : Basic

AVAILABILITY

- Earliest Start Date : Available on prior notice

DECLARATION

I hereby declare that all information stated above is true to the best of my knowledge.

Signature: (Devesh Joshi)