

# 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)

Graphic Era University, Dehradun, Uttarakhand

July 2023

### B.Tech.

Graphic Era Hill University, Dehradun, Uttarakhand

July 2017

### Higher Secondary School

Kendriya Vidyalaya, Dharchula, Uttarakhand

July 2013

### Secondary School

Kendriya Vidyalaya, Dharchula, Uttarakhand

July 2011

## TECHNICAL SKILLS

### Frontend

: JavaScript, HTML5, CSS3, React, Angular

### Back-end

: Java, Python, C#, Node.js, Spring Boot

### Database

: MySQL, MongoDB, PostgreSQL, Vertica

### DevOps

: Git, AWS, Azure, Jenkins, Docker, Kubernetes

### Portfolio

: <https://deveshjoshi101.github.io/devesh>

## RELATED EXPERIENCE

### Software Developer, Infodrive Solutions

Apr 2024 – Current

- **Infodrive Website Enhancement:** Added and improved components on the Infodrive Solutions Website using Next.js, React, Tailwind, and Material-UI.
- **Asset Makers Website Development:** Designed and built an asset management website for a client, utilizing React, Tailwind, Material-UI, MySQL, and Node.js. Ensured optimal solutions were implemented to create a modern and efficient website.
  - *Client:* Asset Makers
  - *Project Scope and Requirements:* Build and deploy a robust and user-friendly asset management website.
  - *Roles and Responsibilities:* Identify and implement optimal solutions to meet project requirements, focusing on modern design and functionality using React, Node.js, and MySQL.
  - *Tools and Technologies Used:* React JS, Tailwind CSS, Material-UI, Node.js and MySQL.

### Freelance Work

Aug 2023 – Mar 2024

- Collaborated on numerous open-source initiatives with the Social Summer of Code team, spanning from the creation of basic applications to the development of facial recognition tools and comprehensive documentation.
- Developed an Angular-based Myntra Clone, accessible at <https://deveshjoshi101.github.io/MyntraClone>.
- Made significant contributions to various GitHub repositories, enriching my skill set and leaving a lasting impact on multiple projects.

### 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.

- 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.
- **Personal Projects:** <https://github.com/Deveshjoshi101>.

### **LANGUAGE SKILL**

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

### **AVAILABILITY**

- Earliest Start Date : One Month Notice

### **DECLARATION**

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

Signature: (Devesh Joshi)

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