

# SHIVANI JUNAWANE

✉ [junawaneshivani@gmail.com](mailto:junawaneshivani@gmail.com)

☎ (+91)9175005532

📍 <https://www.linkedin.com/in/shivani-junawane/>

## OBJECTIVE

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A software engineer, interested in competitive programming and developing efficient algorithms to solve complex computing problems. I have a strong inclination towards data science and have been exploring around it.

## EDUCATION

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1. **Savitribai Phule Pune University, India, Bachelor of Engineering, Computer** **Aug' 14 – June' 18**

## EXPERIENCE

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1. **Senior Software Engineer, Persistent Systems** **July'18 – Present**

- Worked on building, testing and dockerization of opensource software, interacting with and contributing to the opensource communities.
- Hands-on experience with working on DevOps and Cloud technologies such as Docker, Kubernetes and Jenkins. Ported opensource Openshift operators to IBM power architecture.
- Designed and developed tools to help improve the overall productivity of the team and help reduce manual effort and time by 80%.
- Received 2 bravo individual awards in a span of 10 months. Recognized as a Top Talent (top 10%) among the employees of my grade.

2. **Jr. Web Developer Trainer, Bee-Logical Software Solutions** **June' 16 – June' 16**

- Worked on developing a website for Lex-Aquillae using Wordpress, HTML and php. Lex-Aquillae is an organization of advocates and consultants.

## PROJECTS

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1. **Driver Drowsiness Detection System**

- Used a model trained by ensemble of regression trees to detect facial features, which in turn would detect sleepy drivers by eye-aspect-ratio calculation.
- We designed a low-cost device that would ring an alarm once the driver is detected sleepy.
- The project was sponsored by Persistent Systems Ltd.

2. **Open Loop Transit Payment**

- Designed a cost-effective and user-friendly wearable based payment system (Digital wallet) using Raspberry Pi 3 and RFID cards.
- The system provided security through predefined rules and custom data driven algorithms.

## TECHNICAL SKILLS

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**Programming/Scripting:** Python, Shell, C/C++, Dart, Java

**Cloud Platforms and Technologies:** Docker, Kubernetes, Openshift, Jenkins

**OS:** Ubuntu, RHEL, Windows

## EXTRA-CURRICULAR ACTIVITIES

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- Won **2nd prize** in National Level Programming Competition for girls organized by **ACM-W** India called Lady Ada, wherein I competed with thousands of women coders across India.
- Completed **NPTEL C++** certification with **95%** score and **ELITE + GOLD** certificate and secured a rank in top 1% of students who appeared for the test.
- Captained the **Women's cricket team** of Persistent Systems Ltd for a year.