

# Shaunak Juvekar

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## Education

### Master of Engineering in Computer Science

Virginia Tech

Virginia, USA

Expected May 2024

- Courses: Information Storage and Retrieval, Data Analytics 1, Network Architecture and Programming

### Bachelor of Engineering in Electronics and Telecommunication

Savitribai Phule Pune University (9.1/10)

Maharashtra, India

May 2018

- Courses: Data Structures and Algorithms, Object Oriented Programming, Computer Networks

## Experience

### Software Developer

Gibots, Pune, India

07/2020 – 07/2021

1 year

- Responsible for providing end to end solutions which includes developing APIs using ExpressJS and integration of various libraries written in Java, Node and Python.
- Built a custom Rule Engine which carries out Javascript and Regex evaluation for an array of JSON.
- Delivered complete rule and code based module automating client's processes, generating up to 90 percent savings in manpower cost.
- Core team member in charge of the architectural solution of the project along with time estimation and planning.

### Software Engineer

Vodafone Shared Services, Pune, India

07/2018 – 03/2020

1 year, 8 months

- Implemented automation solutions for Vodafone TV for their STB(Set-top Box), Web and Android platforms using Python and Lua.
- Analyzed and integrated Kaltura API's and custom logic functions in GUI and API scripts.
- Used OpenCV and Google's Tesseract for converting scanned image into text reducing reliance on a paid third party tool.

### Project Intern

Aker Solutions, Pune, India

07/2017 – 03/2018

8 months

- Interfaced driver circuits, implemented feedback mechanisms and actuator valve control for developing a 6DOF robotic arm for an ROV.
- Implemented serial communication, socket programming and joystick control using embedded C and Python.

## Personal Projects

### E-Commerce Website [Github]

08/2022

- Built a website where the user can add and remove products from a grid layout selection.
- The Hooks system of ReactJS was used along with its Context API for state management.

### Book Sharing Platform [Github]

06/2020

- Developed a web application which enables exchange of books by different users using NodeJS and MongoDB and hosted on Heroku servers.
- Implemented authentication and authorization middlewares for API security.

## Skills

**Languages:** JavaScript, Python, Java, C, Lua, MATLAB

**Web Technologies:** Node JS, React JS, HTML, CSS, Bootstrap, Semantic UI

**Database:** MongoDB, PostgreSQL, MySQL

**Tools:** Jupyter Notebooks, Git, Postman, JIRA, Jenkins, Docker