

# Aastha Shukla ([aasthas.web.app/](http://aasthas.web.app/))

Personal Contact Details:

[Email](#)

[LinkedIn](#)

## PROFESSIONAL EXPERIENCE:

**Cimpress Technology**  
**Senior Software Engineer**  
**Software Engineer**

**Mumbai India**  
**Oct 2021–Present**  
**Dec 2019–Oct 2021**

- Streamlined highly scalable Tracking Information System to track shipments and processes 17M+ events/day
- Implemented ZPL rendering service that effectively converts ZPL labels to PDF/PNG without loss of data thereby reducing development time into half and processing 6,800+ requests/day
- Supervised custom broker document selection service implementation, post Brexit saving 1M+ Euros/year
- Maintained and supported 65+ microservices which generates over 2M+ requests/year
- Implemented security protocols to ensure all services are RFC and GDPR compliant
- Onboarded and mentored 4 college students to help them integrate with company vision and culture
- Worked closely with over 10 software development teams and global customers spanning 5 time zones to gather requirements and design robust, maintainable, and scalable solutions
- Actively collaborated on learning and development opportunities to foster diversity and inclusion activities such as App Weeks, Toastmasters, CSR, etc

## EDUCATION:

**KJ Somaiya Institute of Engineering & IT**  
Bachelor of Engineering  
Major: Information Technology (CGPA: 8.5/10)

**Mumbai India**  
June 2015–June 2019

**Sathaye Mahavidyalay**  
Higher Secondary Schooling  
**Lilavatibai Podar High School**  
Senior Secondary Schooling

**Mumbai India**  
June 2013–June 2015

**Mumbai India**  
June 2000–June 2013

## TECHNICAL PROJECT(S):

**Final Year Project: Customized Automated Email Response Bot** ([Publication](#))

**June 2018–July 2019**

- System designed to mitigate the laborious task of perusing through email manually, by customizing the response as per the query of the sender and fabricating a reply accordingly
- Reduced manual interference by 90%, saving 15+ hours each week

**Cancer FAQ Chatbot**

**May 2018–Dec 2018**

- Trained bot to use incremental learning to answer frequently asked questions regarding Cancer (Symptoms/Treatments/etc)
- Integrated direct oncologist appointment scheduling capability in the chatbot

**Third Year Minor Project: Facebook Influence Identification** ([Git Repository](#))

**Jan 2018–Mar 2018**

- System identifies individuals with a good presence on Facebook with interests in various causes/domains and matches them to align and be the voice of the organization, helping the organization to promote them in the individual circle of influence

**LearnAnIntern**

**Sept 2017–Jan 2018**

- Internal centralized digital library for all the projects undertaken in the institute
- In addition, the portal provides an inhouse internship platform to the students of KJSIEIT
- Leveraged by 4 departments within the college, including 20+ teachers and 120+ students

**Renaissance -KJSIEIT's Yearly Technical Festival**

**June 2017 –Nov 2018**

- Developed the first-ever Website (2017) and Android Application (2018) for event registration and report generation
- Used by over 250+ attendees and replaced manual work of creating reports post the event saving 4+ hours of each committee

## INTERNSHIP:

**Robotic Process Automation Trainee**

**RobonomicsAI**

**June 2018-July 2019**

- Used Robotic Process Automation using UiPath to automate laborious tasks previously done manually on multiple usecases

**Data Science & IT Strategy Intern**

**MonkJob**

**Sept 2018-May 2019**

- Implemented algorithm to sort and recommend most suitable candidate for job using keyword extraction from PDF resumes
- Actively worked on setting up a Girls Who Code cell which has helped 15+ girls in last two years
- Proposed use of Agile Methodology to replace previously used waterfall model

**Web Developer**

**Showheads EMG**

**Apr 2018-June 2018**

**Web Developer**

**Finance LookUp**

**Jan 2018-Mar 2018**

- Designed, developed, optimized, and hosted the website for the Showheads EMG website, an event management group and for Finance LookUp, a Fintech Company

**Front end developer**

**Intellinects.com**

**June 2017-July 2017**

- Learned and implemented as a front-end developer for the MeaVita Project – A healthcare application

## SEMINARS/WORKSHOPS/OTHER ACADEMIC ACTIVITIES:

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- Delivered a seminar on “Problem Solving and Ideation” for 350+ students and 15+ faculty 2021
- Invited as a resource person to augment the syllabus of “Optimization Domain” for undergraduate students 2021  
Subjects: - Advanced Data Structures and Algorithmic Performance Analysis (1UITDLC5054)
  - Algorithm Analysis Lab (1UITDLL5054) - UI/UX Design Specializations (1UITDLC7044)
  - Robotics Process Automation (1UITDLC8024) - UI/UX Design Lab (1UITDLL7044)
  - Robotics Process Automation Lab (1UITDLC8024) - Optimization Techniques (1UITDLC8034)
- Invited as an industrial expert to provide mentorship and feedback for undergraduate research projects 2020, 2021
- Conducted multiple workshops for high school students to enrich them about little-known engineering fields attended by 120+ students/year 2017, 2018, 2019
- Attended Android development by CMPInfoTech 2018
- Attended Recent trend in Networking by IEI 2017
- Attended 103rd Indian Science Congress Conference: Ministry of Science & Technology, Mysore, Govt. of India 2015

## CERTIFICATIONS:

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- The Modern Python 3 Bootcamp by Udemy 2019
- Level 3: Advanced Certification Training by UiPath 2019
- Level 2: Orchestrator (2018.2) Training by UiPath 2019
- Level 1: RPA developer foundation Training by UiPath 2018
- Soft Skill Development by IIT-Kharagpur 2017
- Technical English for Engineers by IIT-Madras 2014

## ACADEMIC RANK(S) AND ACHIEVEMENT(S):

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- 3rd in 8th Mumbai University End Semester Examination 2018-2019
- 1st in 6th Mumbai University End Semester Examination 2018-2019
- 2nd in 5th Mumbai University End Semester Examination 2017-2018
- 4th in 4th Mumbai University End Semester Examination 2017-2018
- 6th in 3rd Mumbai University End Semester Examination 2016-2019
- 2nd Rank: National Level Project Competition, 21st ISTE National Convention, L.D. College, Ahmedabad 2019
- 1st Rank: National Level Project Competition, INTECH 2019
- 2nd Rank: Regional Level, IET-NICE competition 2019
- 2nd Rank: Inter-debate competition by Aura, KJSIEIT 2016, 2019
- Core management team for Job Fair (IEI) & NICE (IET) 2016

## POSITION OF RESPONSIBILITIES:

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- Vice Chairperson - COEPS 2018-2019
- Chief Executive Officer - ISTE 2018-2019
- Jt. Technical Admin – Computer Society of India 2018-2019
- Internshala Student Partner 2017-2018
- Jt. Technical & Organizing Admin - ISTE 2017-2018
- Marketing Admin - Cyber Security Cell 2016-2019

## QUALIFIED FOR:

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- Finale: Deep Blue -Season 3: Mastek 2018-2019
  - International Women's Hackathon 2019: HackerEarth 2018-2019
  - Smart India Hackathon: Govt. of India 2018-2019
  - Mumbai University level: PATW- IET 2017-2018
  - Regional Level: NICE competition - IET 2017-2018
  - Nominated for KJ Somaiya Best Girl Student Award 2017-2018
- 2016, 2017, 2018