

AASTHA SHUKLA

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EDUCATION

Syracuse University | M.S. - Computer Science | Syracuse, USA

Aug 2022 – May 2024

University Of Mumbai | B. Eng. - Information Technology | Mumbai, India

June 2015 – July 2019

PROFESSIONAL EXPERIENCE

Cimpress Technology | Senior Software Engineer | Mumbai, India

Dec 2019 – July 2022

- Streamlined highly scalable Tracking Information System to track shipments processing 17M+ events/day
- Supervised implementation of custom broker document selection service post-Brexit, which saved company €1M+ annually
- Pioneered a cutting-edge ZPL rendering service which seamlessly converts ZPL labels to PDF/PNG formats while preserving data integrity, resulting in a 50% reduction in development time and effortlessly managing over 10,800 daily requests
- Developed, maintained, and supported 65+ medium to large sized API-first microservices fulfilling 2.5M+ requests/year
- Mentored 4 recent graduates through a 3-month onboarding program, fostering alignment with company vision and culture
- Coordinated closely with 10+ software development teams and global customers spanning 5 time zones in agile environment

INTERNSHIP

House Of Web3 | Full Stack Developer | Remote, Singapore

May 2023 – Aug 2023

- Engineered highly scalable AWS infrastructure and optimized MongoDB, orchestrating an API system to handle 350+ daily articles from 20+ outlets; leveraged OpenAI's API for AI summarization algorithm, boosting user comprehension by 45%
- Crafted a refined recommendation engine attuned to user preferences, contributing to 72% increase in user engagement
- Led the engineering and deployment of an API service currently handling 50+ events, 30+ hosts, and 2000+ attendees, resulting in 15% increase in user retention and event engagement

Robonomics AI | Robotic Process Automation Trainee | Mumbai, India

June 2018 – July 2019

- Automate laborious tasks previously done manually on multiple use cases with UiPath thus increasing efficiency by 85%

MonkJob | Data Science & IT Strategy Intern | Mumbai, India

Sept 2018 – May 2019

- Devised an algorithm to sort and recommend most suitable candidates for jobs using keyword extraction from resumes, resulting in a 20% increase in the accuracy of candidate recommendations
- Oversaw and orchestrated establishment of Girls-Who-Code cell helping 15+ girls since inception

Showheads EMG & Finance Lookup | Web Developer | Mumbai, India

Jan 2018 – June 2018

- Designed, programmed, and hosted company website, leading to 65% boost in traffic and subsequent 15% surge in sales

PROJECT EXPERIENCE

Customized Automated Email Response Bot (Publication)

June 2018 – July 2019

- Designed system to mitigate laborious task of perusing through email manually, by customizing response as per query of sender and fabricating reply accordingly thereby reducing manual interference by 90%, saving 15+ hours/week
- Awarded "Best Research Project-Undergraduate Category" at 21st ISTE National Convention and INTECH midst 35+ projects

Facebook Influence Identification

Jan 2018 – Mar 2018

- Implemented a targeted system identifying influential Facebook users with specific interests, leveraging their advocacy to promote causes, resulting in a 25% increase in engagement and a 40% boost in funds raised

Renaissance - KJSIEIT's Yearly Technical Festival

June 2017 – Nov 2018

- Spearheaded team of 8 to deliver first-ever website and android application for event registration and report generation
- Leveraged by 250+ attendees replacing manual work of creating reports post events saving 4+ hours per committee

LEADERSHIP

• Career Opportunities for Engineers In Public Sector | Vice Chairperson | Mumbai, India

June 2018 – July 2019

• Indian Society for Technical Education | Chief Executive Officer | Mumbai, India

June 2018 – July 2019

• Computer Society of India | Joint Technical Admin | Mumbai, India

June 2017 – July 2018

TECHNICAL SKILL

- **Development:** JavaScript/Typescript (NodeJS, ReactJS), C, Python, Haskell, HTML5, CSS3, Bootstrap
- **Database:** MySQL/PLSQL/MSSQL/PostgreSQL, MongoDB, DynamoDB, Snowflake, Looker, Flyway
- **Project Management and Version Control Tools:** Jira, Confluence, Notion, Miro, Trello, Gitlab/GitHub/Git, Bitbucket
- **Others:** Amazon Web Service, Terraform, Docker, Postman, Sumologic, NewRelic, UiPath, XML, JSON

OTHER

- Delivered seminar on "Problem Solving and Ideation" for 350+ students and 15+ faculty members (2021)
- Invited as industrial expert to provide mentorship for undergraduate research projects for successive 3 years (2016-2019)
- Conducted workshops to enrich 250+ high school students about lesser-known engineering fields (2015-2019)