

Shubham Chopade

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY
Master of Science in Computer Science

Anticipated May 2023

- *Relevant courses: Structured Programming and Formal Methods, Computer Architecture, Data Mining*

Savitribai Phule Pune University - Pimpri Chinchwad College of Engineering, Pune
Bachelor of Engineering in Electronics and Telecommunication (3.71 / 4)

July 2019

- *Relevant courses: Data Structures and Algorithms, Operating Systems, Object Oriented Programming*

WORK EXPERIENCE

Full Stack Developer – Part time, Segraves Lab, Syracuse University – Syracuse, NY

October 2021 - present

- Working on a Mutualism Simulator to study the behavior of yeast cells in variable environment and population density of other chemical matter
- Converting the current Python – Flask application into a REST API and deployed on AWS EC2 to communicate with the frontend application to be written in React – Next.js

Software Developer, Clidio Technologies – Pune, Maharashtra

February 2021 - July 2021

- Led a team of 2 developers and created Frontend for a fully responsive video conferencing application
- Converted enterprise UI mockups to 20+ reusable components by leveraging ReactJS, Tailwind CSS, AWS Chime and other web tools
- Worked closely with Design, Product, Backend and QA teams to Unit Test the features before deployment
- Proposed and implemented a solution to reduce the original 4 steps process to 3 steps

Freelance Web Developer and Designer, Self Employed – Pune, Maharashtra

June 2019 - July 2021

- Shipped 4 professional paid projects using JavaScript, React, Gatsby, Bootstrap, Typescript and Shopify by following the principles of Design Thinking Methodology and Agile Development
- Increased a client's business by about 50% after consulting and redesigning of one of the projects
- Designed and constructed projects right from planning mockups in Figma to delivering well documented products
- Managed an Instagram page @tech.sapien around 27,000 followers to share my web development journey

SKILLS

- Languages: JavaScript, Python, Typescript, Node.js, Java, C, C++, GraphQL, CSS3, Sass, HTML5
- Web Technologies: React, Redux, AWS, Firebase, Webpack, UI/UX, Google Analytics, Docker, NoSQL, JSON, REST API, jQuery, Tailwind CSS, Bootstrap, Flask
- Wireframing Tools: Figma, Adobe XD, Balsamic Studios, Whimsical
- Tools and Libraries: Git, Linux, Selenium, Carbon Design System, Visual Studio Code, Google Cloud Platform, Jupyter, Jira, Trello, Notion, Adobe Illustrator, Adobe After Effects, Adobe Photoshop

LEADERSHIP AND EXTRACURRICULAR

- First Prize, Techligent 2019 - a college-level project competition held at QCFI, Pune with around 200 participants. The project was an Internet of Things based home security product which was designed to operate remotely using Android or iOS.
- Core Team - Website Manager, TEDxPCCOE 2018 - Initiated first TEDx event to be organized in PCMC, Maharashtra. Additionally, led a team of 5 students to design and develop a website for TEDxPCCOE. The website was viewed from over 30 countries and had around 50k hits. We received an NPS rating of 96/100 (considered as one of best-organized TEDx events in world)