

Shubham Chopade

Portfolio: shubhamchopade.com

Linkedin: linkedin.com/in/shubham-chopade

Email: shubhamchopade10@gmail.com

Mobile: +1-315-949-9067

EDUCATION

- **Syracuse University - College of Engineering & Computer Science** Syracuse, NY
Master of Science in Computer Science Anticipated May 2023
Courses: Operating Systems, Computer Architecture, Design and Analysis Of Algorithms, Databases, Android Programming, Blockchain
- **Savitribai Phule Pune University - Pimpri Chinchwad College of Engineering** Pune, Maharashtra
Bachelor of Engineering in Electronics and Telecommunication May 2015 - July 2019
Courses: Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Embedded Programming, Networking

SKILLS SUMMARY

- **Languages:** JavaScript, Python, PHP, C/C++, SQL, Bash, Java, Kotlin, GraphQL
- **Frameworks:** React, Redux, Webpack, UI/UX, Django, Flask, NodeJS, MERN, D3, Jest
- **Tools:** Kubernetes, ES6, Docker, GIT, PostgreSQL, MySQL, SQLite, Webpack
- **Platforms:** Linux, UNIX, Web, Windows, Android, iOS, macOS, Arduino, Raspberry Pi, AWS, Firebase, GCP
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Viasat Inc.** Remote
Software Engineer Intern (Full-time) May 2022 - August 2022
 - **Grafana Dashboard:** Measured and analyzed the quality of Zoom calls experience as a service over satellite network
 - **Automation using Raspberry Pi:** Recurring Zoom calls and testing using Selenium and Python to generate and process the metrics to be stored over a Kafka topic and forwarded to the Production Database
 - **Collaboration:** Worked closely with Senior Engineers in collaborative environment to understand the existing product and learn to integrate the new code in the production
- **Grouped Inc.** Syracuse, NY
Software Developer Intern (Part-time, On Campus) January 2022 - May 2022
 - **An App for Private Communities:** React-based social media application with technical documentation that helps the social-media influencers to build close-knit groups
 - **Frontend Design:** Converted enterprise UI mockups to 20+ reusable front end components by leveraging ReactJS, Tailwind CSS and other web tools
 - **Backend:** Built a robust infrastructure to store data on AWS S3, and backend in Python and JavaScript using collaborative efforts of 3 developers
- **Freelance Web Developer and Designer** Pune, Maharashtra
Self Employed (Full-time) June 2019 - July 2021
 - **Shipped 4 professional paid projects:** Used JavaScript, React, Gatsby, Bootstrap, Typescript and Shopify by following the principles of Design Thinking Methodology and Agile Development
 - **UI Mockups:** Designed projects right from planning mockups in Figma to delivering well documented products
 - **Instagram Page:** Registered a business page - @tech.sapien around 25,000 followers to share my journey
 - **Outcome:** Increased a client's business by about 50% after consulting and redesigning of one of the projects

PROJECTS

- **Sentiment Analysis using Twitter API (Web Application, Machine Learning):** Performed Sentiment Analysis over a month's cumulative data regarding COVID 19 booster dose. Tech: Scikit Learn, Django, matplotlib (December '21)
- **The Book Pundits (Web Application, Book Campaign platform):** This platform offers customized book tours and campaigns for your book. Tech: React, Firebase, Javascript (January '21)
- **Tech Sapien (Technical Blog, Tutorials):** A web app that teaches web development in the simplest manner. Tech: GatsbyJS, Tailwind CSS, AWS. (June '19)

PUBLICATIONS

- **Patent: "Internet of Things (IOT) based intrusion detection device, system and method thereof":** A provisional patent to be defended in late 2023. Application number: 201921003788
- **Research Paper: Shubham Chopade, Sampada Dhole, "Smart Headlight System":** International Journal of Research in Engineering, Science and Management Volume-1, Issue-10, October-2018, pp 839 - 840

HONORS AND AWARDS

- Awarded First Prize at PCCOE's Techligent - February, 2019
- Organized one of the top rated (NPS 97) TEDx event - September, 2018
- Runner's Up at TechNova PCCOE Hackathon - October, 2017