

PROFESSIONAL EXPERIENCE

Consultant **Microsoft India** **Aug 2020 – Present**

- Working as a consultant in the Secure Infrastructure Domain of Microsoft

Software Engineer, Intern **GoComet Pte Ltd (Startup)** **Dec 2018 – Jun 2019**

- Implemented new features, improved existing code, tracked and resolved bugs with Rollbar following agile while coordinating with the ops team.
- Coded, integrated and documented 38 APIs for login microservice with JWT and communication microservice which replicates Mailchimp's Mandrill saving the company up to \$2000 annually.
- Maintained the test case coverage to 100% by practicing Test Driven Development with Rspec.
- Developed a dashboard for ops team to enable/disable unique features for different stakeholders.
- Leveraged knowledge in React, Ruby on Rails, PSQl, Redis, Ubuntu, Jenkins, Docker.

Full Stack Developer, Intern **VMeduLife Pvt Ltd (Startup)** **Summer 2018**

- Developed a blogging platform and integrated it in existing software to be used by 75+ institutes.
- Leveraged knowledge in HTML, CSS (Bootstrap), JavaScript/jQuery, PHP, SQL.

EDUCATION

Undergraduate **Symbiosis Institute of Technology** **July 2016 – June 2020**

- B.Tech in **CS/IT** with First Class.
- Coursework:** Data Structures, Algorithms, Databases, Programming Languages, Operating Systems, Scalable Distributed Systems, Computer Architecture, Discrete Mathematics, Service Oriented Architecture, Design Patterns.

SKILLS

- Proficient: Python, JavaScript, HTML, CSS, PHP, Git
- Intermediate: C++, SQL, React, Ruby on Rails, Database Management
- Beginner: Bash Scripting, Jenkins, Docker, Linux

SOFTWARE PROJECTS (<https://github.com/RajanPandey>)

Speech Emotion Analyzer **DEC 2019 – APR 2020**

- Developed a deep learning model which analyzes speech patterns and perturbations to detect emotional state of the speaker with convolutional neural network having 82% accuracy.
- Utilized: Python, Django, Scikit-Learn, TensorFlow, Keras, Librosa

Covid19India.org **2020**

- Contributed to open source website written in React to keep Indians aware of covid-19 cases.

SIT College Event Management System **2018**

- Developed a website in PHP for faculty and the information officer along with an admin dashboard.
- The application is actively used by Symbiosis college to manage events.

HACKATHONS AND PROGRAMMING CONTESTS

Finalist at SkyHackathon Chattisgarh **2018**

- Led a team of 6 students and developed a cross platform hybrid app to connect key stakeholders in medical industry. Won appreciation prizes worth Rs 20,000.

Competitive Coding

- CodeChef: Rank 19k out of 2L, InterviewBit: Rank 11k out of 2.7L, HackerRank: Awarded 1 Bronze