

### TECHNICAL SKILLS

- Python • JavaScript • NodeJS
  - AWS • TypeScript
- Docker • Kubernetes • Java
- Selenium • HTML5/CSS3/LESS
  - Unix • SQL • NoSQL

### TOOLS PROFICIENT

- Git • IntelliJ Idea • FileZilla
- VirtualBox • XCode • Trello
- Asana • Adobe Creative Suite

### CERTIFICATIONS

- Python • Node • Android • C++

### RELEVANT SKILLS

Software Automation  
Infrastructure Development  
Design Database Schema  
Architecture designer  
Strategic Planner  
Business Analytics  
Team Worker  
Experienced Problem Solver  
Code - Refactoring  
Integration Specialist  
Passionate learner  
Highly motivated  
Detail & Research Oriented  
Socio – Cultural Tech Savvy  
SCRUM - Agile Process Experience  
Multifaceted IT Professional

### PROGRAMMING HIGHLIGHTS

Built an **automated – redeployable server setup for recursive production with a one-click solution**

Worked directly with users to **design fast, scalable and user-centric application**

Designed, Developed / Created, Maintained and versioned **RESTful API's**

Worked with external libraries, data sources (remote data via REST over **JSON / XML**) with **API and SDK**

Under 50 in Code Chef Hackathon.



### ACADEMIC QUALIFICATIONS

- **Master of Science in Computer Science at Santa Clara University [Sep'2018 – Jun'2020]**
- B.E. (Computer Science & Engineering) at AITR, India with Grade First Division
- Associates course in Design Thinking - International School of Entrepreneurial Leadership, Seattle

### ACHIEVEMENTS AND ENTREPRENEURIAL HIGHLIGHTS

- Awarded **"Technology Wizard"** at Gyrix's Annual Awards 2017 for remarkable technical performance and Leadership
- Speaker for Google Developer Group for Design Patterns and UI
- Campus Ambassador and city evangelist for **Prezi** (2015-16)

### **Santa Clara University, Santa Clara CA**

Research Assistant – Artificial Intelligence (Jan – Mar 2020)

- NotifyMe – Designed and developed an android application to identify and maintain a log of all notifications, by interpreting application importance, prioritizing and scheduling notification delivery on the basis of user preference. A notification manager like a mailbox for mails. (Tech Stack: Android, Java, firebase and SQLite)
- Video parsing for object tracking and extracting subject's information. (Implemented: Frame picker, Object Tracker and Identified objects with GCP Vision) [Python, GCP]

### WORK EXPERIENCE IN DETAIL

#### **Reflexion Medical Inc, Hayward CA**

Full Stack - Software Engineering Intern (June 2019 – Jun 2020)

- Designed and developed a custom MongoDB Incremental Backup strategy, reducing the machine work hours of 8 hours run to only 30 minutes.
- Developed an automated build alert system, an error code alarm messaging system.
- Designed and developed highly concurrent, low latency microservice for notification system to monitor all the service faults.
- Developed Slack bots and integrated them to control build and PR systems via Slack.
- Built a log interpreter to emulate browser user interactions for in-depth debugging.
- Added a feature to clone application configurations in different environments which led to significant decrease in configuration time.
- (Tech stack: Python, Nodejs, Typescript, Angular, Jest and Jasmine)

#### **Gyrix TechnoLabs, Indore**

Software Development Engineer II (July 2016 – July 2018)

#### **Projects**

- Stable of Stars – A social network for horses – (Tech Stack: Nodejs, ReactJs, Docker and Kubernetes – Created project from Scratch and Deployed with web accelerator - caching) Implemented and integrated a new end-to-end testing suite that reduced regressions by 70%.
- Symbiotic – A WebApp for data visualization and data modeling of real – time data from telecom sensors deployed across Australia with functional Artificial Intelligence and analytics (Tech Stack: Python, React.js, AWS DynamoDB, S3, IAM and CloudFront) – A white-label product ready to be redeployed with a single click creating a raw serverless React code.
- Great Minds (A Think alike gaming iOS application – Swift3, Multilingual based on remote data, Multiplayer, and Statistics and summary)
- Seeker (A Social Data intelligence Android, iOS and JAVA Backend application aggregating data from social networks, defined geography with user presence within the geographical area of interest, and tags with elevated API permissions from Facebook, twitter and Instagram) for Dataveillance – Social surveillance

#### **Responsibilities:**

- Develop, integrate and test application through extensive analysis of pipeline components, for deployment in production environment, using best practices for project execution support and documentation
- Conduct system study and coordinate with team members for system design, product development & integration and application maintenance