

TECHNICAL SKILLS

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

AWS CLOUD PROFICIENCY

- EC2 • ECS • EKS • S3 • IAM
- Cognito • Lambda
- API Gateway • DynamoDB
- CloudFront • CodeDeploy

TOOLS PROFICIENT

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

CERTIFICATIONS

- Python • Node • Android
- Modern 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
Multifaceted IT Professional

PROGRAMMING HIGHLIGHTS

Built an **automated – redeploy able 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

Udelv Inc, San Mateo CA

Full Stack - Software Developer (Oct 2020 - present)

- Developed API's to work in respect with Business use-cases to scale in Node.js + Express
- Designed and developed an on-device Text detection module for Android using MLKit.
- Contributed in logic for vehicle actuators to interact with cloud and API's.
- Redesigned, refactored and developed architecture to be scalable and performant.
- Reduced monthly billing of cloud by 25% by introducing caching and auto-scaling.
- (Tech stack: Python, Nodejs, Android, Postgres)

Reflexion Medical Inc, Hayward CA

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

- Designed and developed a custom MongoDB Incremental Backup strategy mechanism, 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