Devashish Patel

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EDUCATION

Master in Computer Science | Texas A & M University - Kingsville (May 2018) | GPA – 4.00 / 4.00
Related Courses: Analysis Of Algorithm, Cloud Computing, Storage Systems, Real-Time Systems

Bachelor in Computer Science & Engineering | Gujarat Technological University (June 2015) | GPA – 3.57 / 4.00
Related Courses: Software Engineering, Database Management System, Operating System, Compiler Design, Data & File Structures, Web Application Development, Information Security, Business Intelligence and Data Mining

MOOCs – Complete Python Bootcamp, Django Full Stack Web Developer Bootcamp, Modern React with Redux, Node.js, React Native, Developers guide to MongoDB, RESTful APIs with Flask and Flask-RESTful

TECHNICAL SKILLS

Programming Languages:	Python, JavaScript, Dart
Databases:	MySQL, Elasticsearch, PostgreSQL
Technologies, Frameworks & Libraries:	AWS (EC2, S3, ECS, SageMaker, Elasticsearch Service, RDS), Machine Learning, Docker, Kibana, Flutter, Django, Restless-Django, Node.js, Git, GitHub, Flask, Flask-RESTful

WORK EXPERIENCE

Software Engineer | Critical Start INC, Plano, TX. (July 2018 - Present)

- Contributing on **Zero-Trust Analytics Managed Security Service Portal** enhancement, new products' integrations and current bugs fix. On the frontend side, contributing to the Mobile Application written in the **Flutter**.

Web Application Developer | D-HiT Solutions, Vadodara, India. (June 2015 to Dec 2015)

- Implemented high-quality back-end with C# and designed attractive front-end with JavaScript, HTML and CSS. Wrote complex queries and stored procedures in MS SQL and comprehensive unit test cases.

PROJECTS

Security Events Likelihood | Supervised Machine Learning – AWS SageMaker

- Generating a machine learning classification model, which gives the likelihood of incoming security events with different security events' level.
- The model will be trained with existing labeled data from current rule-based system and, will be deployed on the AWS SageMaker for the production use.

Emaily | MongoDB - Express - React - Node.js

- A **full-stack web application** for sending bulk emails to get feedback which has back-end with the **Node.js, Express** and front-end with the **React**, deployed it on the cloud Platform-as-a-Service **Heroku** with DaaS **mLab.**
- Incorporated 3rd party libraries like **Passport.js** for **Google OAuth2.0** authentication**, Stripe** for **payment process, SendGrid** for **email processing.**
- https://emaily-deva.herokuapp.com

MobileSOC | Flutter – Dart – Fastlane – Google App Distribution, Firebase – New Relic – AWS Device Farm

- Industry's only mobile application lets enterprise customers interact with Critical Start's Security Operation Center team without being threatened to their desktops.
- iOS App Store: https://apps.apple.com/us/app/mobile-soc/id1050507566
- Android Play Store: https://play.google.com/store/apps/details?id=io.threatanalytics.atap&hl=en_IN

ZTAP | Django – Elasticsearch – PostgreSQL – Docker – AWS EC2, S3, Elasticsearch Services, RDS, ECS

- Working with **Django and restless** on the back-end to create RESTful APIs and writing database services with **PostgreSQL and Elasticsearch**. Writing comprehensive **unit and integration test cases** for the APIs and services.
- Writing **asynchronous task with Celery,** based on distributed message passing with **RabbitMQ** as a broker.
- **Consume 3rd party APIs** like **Palo Alto Traps, Cylance, Windows Defender** to integrate them with our services and **writing appropriate documentation** for future use cases.

Webcam Motion Detector | Python - Bokeh

- Open-source Computer Vision motion detection project to detect Human Faces and different objects coming in front of the webcam for a specific time period, which plots the motion graph of the activities using Bokeh.
- https://github.com/devashish-patel/webcam-motion-detector