Devashish G Patel

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EDUCATION

Master in Computer Science | Texas A & M University (May 2018) | GPA – 4.00 / 4.00
Related Courses: Analysis Of Algorithm, Cloud Computing, Neural Networks, 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, Python for Data Analysis and Visualization, 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, Ruby, C#, SQL
Databases:	MySQL, MongoDB, MS SQL, PostgreSQL, SQLite
Technologies, Frameworks & Libraries:	Node.js, Express, Flask, Flask-RESTful, Ruby on Rails, React, Redux, SQLAlchemy, React Native, OpenCV, Beautiful Soup, Mocha, Mongoose, HTML5, CSS3, Bootstrap, Git, GitHub, CircleCI, Heroku, Firebase, MVC

PROJECTS

Webcam Motion Detector | Python - OpenCV - Bokeh
- **Open-source Computer Vision** motion detection project to detect Human Faces and different objects coming in front of webcam for a specific time period, which plots the motion graph of the activities using **Bokeh**.
- Learned to use **haarcascades XML classifiers** for **human faces and different objects detection** with OpenCV.
- Utilized Bokeh library to plot motion graphs from the data generated in CSV format from the program.
- https://github.com/Devashish2910/webcam-motion-detector

Emaily | MongoDB - Express - React - Node.js
- Developed a **full-stack project** for getting feedbacks from the users, has back-end with the **Node.js, Express and MongoDB** and front-end with the **React**, deployed project on the Cloud-as-a-Service **Heroku** with DaaS **mLab.**
- Incorporated 3rd party libraries like **Passport.js** for **Google, Facebook OAuth2.0 based** authentication**, Stripe** for **payment process, SendGrid** for **email processing.**
- https://emaily-deva.herokuapp.com

Product Search Application API | Flask - Flask RESTful - SQLAlchemy - FlaskJWT - PostgreSQL
- RESTful API for product search application, with **Flask** & **Flask-RESTful,** handled the JSON Web Tokens based authentication with **Flask-JWT.** Strengthened the back-end with **SQLAlchemy** as a **PostgreSQL** tool-kit and ORM.
- Integrated deployment of Python apps on the Heroku cloud service**.**
- https://github.com/Devashish2910/product-search-with-flask

BudgetApp API | Node.js - Express -MongoDB
- Individual Budget Maintenance Application, which has back-end coded in **Node.js** and **MongoDB** as a database.
- Accomplished the deployment of back-end on the **Heroku** with the database service **mLab.**
- Utilized libraries like **Mocha** for unit testing, **Lodash** for additional utilities, **mongoose** as an ORM, **jsonwebtoken** for **JWT-Authentication**, **crypto-js** and **brcryptjs** for salting and hashing of the confidential information.
- https://github.com/Devashish2910/BudgetApp-API || http://budgetapp-dgp.herokuapp.com

Book Search Desktop Application | Python -Tkinter - SQLite
- Developed a desktop application for bookstore or library, for inserting, searching, updating and deleting books from the database with **Python**. The front-end is written with **Tkinter** & **SQLite** as an embedded database.
- https://github.com/Devashish2910/book-search-desktop-app

WORK EXPERIENCE

Web Application Developer | D-HiT Solutions, Vadodara (June 2015 to May 2016)
- 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.

Web Application Developer Intern | D-HiT Solutions, Vadodara (July 2014 to May 2015)
- Learned to implement 3-tier ASP.net architecture in the Production environment by focussing on C#.
- Worked with the development team on 'Dynamic Product Control including CRM' as Industrial Definition Project.